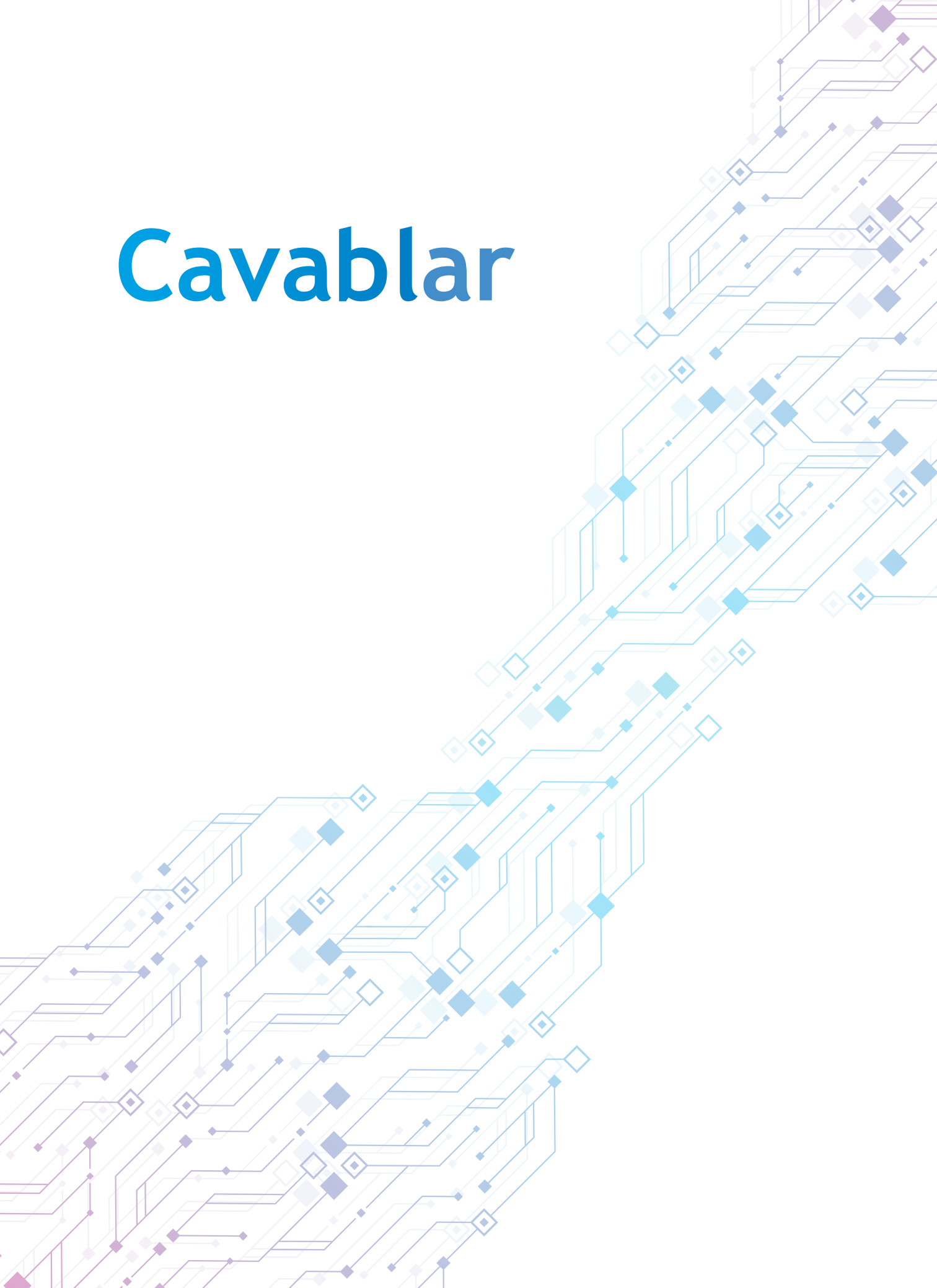


Cavablar



İnformasiya və informasiya prosesləri. İnformasiya təhlükəsizliyi

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
B	E	C	C	A	D	D	E	D	A	B	A	E	A	D	B	A	E	B	A
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
D	A	A	B	B	A	B	C	A	E	B	C	C	C	E	C	C	D	B	B
41	42	43	44	45	46	47	48	49	50	51	52								
D	A	E	B	E	B	E	C	E	D	C	A								

İnformasiya təhlükəsizliyi

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
E	B	C	B	D	D	E	C	D	C	C	B	A	A	B	C	E	A	D	B
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
C	D	C	D	C	B	E	C	A	B	D	E	E	A	B	C	B	C	A	C
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55					
B	C	C	B	A	B	D	D	C	B	E	B	C	C	D					

İnformasiyanın kodlaşdırılması və miqdarının ölçülməsi

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	B	C	B	A	D	A	B	D	B	D	A	D	A	A	C	B	A	A	E
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
C	A	B	D	A	B	D	A	A	E	A	A	A	B	A	B	A	C	D	A
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	
C	D	A	B	D	A	D	C	D	B	A	B	A	A	B	B	D	A	1000	
60	61	62	63	64	65	66	67	68	69										
1	1	4	2	7	7	32	16	8192	196608										

Mətn informasiyasının kodlaşdırılması və informasiyanın miqdarının ölçülməsi.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	B	C	B	D	A	A	D	C	B	B	D	A	B	E	A	D	C	D	A
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
B	A	D	B	A	A	B	D	A	A	E	B	D	B	C	C	A	B	A	E
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
B	A	B	A	B	B	C	A	C	B	E	B	B	D	E	A	A	A	C	D
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
E	E	D	A	C	D	A	E	A	A	A	E	A	C	E	B	B	C	A	E
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
D	E	A	A	E	E	C	B	D	A	A	D	B	B	A	A	C	D	B	E
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
B	A	E	A	C	D	A	D	B	C	A	C	C	B	E	E	D	A	B	E

121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
B	A	A	E	E	B	C	E	A	A	C	D	B	A	C	C	B	B	B	A
141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
D	C	D	A	C	C	D	B	A	B	A	E	B	A	C	A	D	A	B	C
161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
A	B	A	D	E	B	C	D	E	E	D	D	D	A	D	A	B	D	A	E
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	
B	C	D	E	B	E	E	C	E	C	A	D	800	16	4	245	135	145	512	
200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216			
2	2	2	4	1.3	32	1a2bc3d	4128	5	2	3	4096	128	320	2	50	79			

Say sistemləri

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
C	A	C	B	A	D	B	C	E	C	A	A	C	C	A	A	E	B	A	D
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B	C	A	C	D	D	D	A	B	D	E	C	B	B	A	B	A	A	E	B
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A	B	B	A	A	A	E	C	A	A	A	A	A	A	B	C	D	E	B	A
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
A	A	B	A	B	A	B	A	B	A	C	A	C	D	B	C	C	A	A	B
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
D	A	A	B	B	C	B	A	E	A	B	D	B	A	B	E	D	A	B	C
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
A	B	A	B	E	E	C	D	A	B	C	A	C	A	D	B	C	D	A	A
121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
B	C	D	A	D	A	C	B	A	E	A	D	D	C	D	D	C	A	C	A
141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
B	B	C	E	C	C	B	E	B	A	D	B	D	C	C	B	E	C	C	A
161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
C	C	C	C	B	B	E	B	C	D	A	A	C	A	B	B	C	C	D	D
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195					
B	C	B	D	E	A	C	B	D	E	B	A	E	D	B					

Modelləşdirmə
Cədvəl informasiya modeli

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
D	B	E	A	C	B	E	D	A	A	D	E	C	B	C	D	A	E

Qraf informasiya modeli. Ağac informasiya modeli

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	E	C	B	B	E	A	D	C	A	E	E	E	E	B	A	B	E	A	C
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
D	A	C	A	A	A	B	E	B	A	A	D	D	C	B	A	D	C	A	A
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
C	C	D	B	B	E	A	B	A	D	B	C	E	D	D	E	B	C	B	B
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
D	D	D	B	A	A	E	A	C	A	B	A	C	B	C	D	C	A	D	B
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
E	C	A	B	A	B	D	B	A	B	E	B	C	B	E	D	D	E	A	C
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115					
D	B	C	D	C	C	D	B	C	A	D	C	D	A	D					

Aparat təminatı

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
C	C	D	C	D	B	C	B	C	C	E	C	C	E	E	D	A	D	B	C
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
C	D	C	A	A	C	B	A	B	C	A	A	D	B	B	C	A	D	C	A
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A	A	B	B	A	E	B	D	E	E	B	A	A	D	C	E	C	B	D	B
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
C	B	A	B	A	C	A	C	E	D	A	D	E	D	A	D	E	A	E	D
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
B	C	B	A	B	B	E	D	A	B	A	B	D	E	C	D	A	B	D	E
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	
E	D	D	C	E	C	E	B	A	E	A	E	E	B	C	A	A	E		124
120	121	122																	
1bcd2ae	2345	145																	

Proqram təminatı. Əməliyyat Sistemi

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
C	E	E	C	E	D	D	B	C	E	C	E	E	B	C	C	E	D	A	C

21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
D	E	C	C	E	B	E	C	D	E	D	C	D	C	C	D	C	C	E	E
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
D	D	A	B	C	B	B	A	C	B	D	C	D	B	C	B	E	A	B	D
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
E	D	D	C	B	C	C	C	E	A	D	E	C	C	A	C	A	C	C	E
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	
D	D	C	C	C	C	D	C	D	520	63	512	24	4	6	114	3	385	768	
100	101	102	103	104	105	106	107	108											
3072	128	64	32	124	88	160	7	6											

Mətn prosessorları

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
D	C	B	D	B	C	E	A	E	B	A	C	D	B	A	B	D	C	B	A
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A	C	D	B	C	E	A	A	B	B	A	D	C	B	B	C	C	A	A	B
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75					
E	D	E	C	A	B	B	A	A	C	B	1B2C3A	1B2A3C	1B2C3A	1B2A3D					
76	77																		
1B2C3A	1B2C3A																		

Cədvəl prosessorları

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
E	C	A	D	A	C	E	A	B	D	C	A	C	B	E	A	A	A	B	C
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
E	C	D	E	B	A	A	A	A	A	C	A	A	B	C	D	E	C	A	A
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
D	A	C	C	A	B	A	A	C	B	D	C	E	B	C	D	A	D	C	E
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
A	D	B	B	E	B	C	D	E	B	A	D	C	C	B	B	E	C	B	C
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
B	B	E	D	B	C	A	A	C	D	A	C	B	A	E	C	B	E	A	C
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
B	C	D	C	B	C	B	D	E	D	A	A	A	C	B	D	D	D	C	A
121	122	123	124	125	126	127													
D	B	C	C	D	D	D													

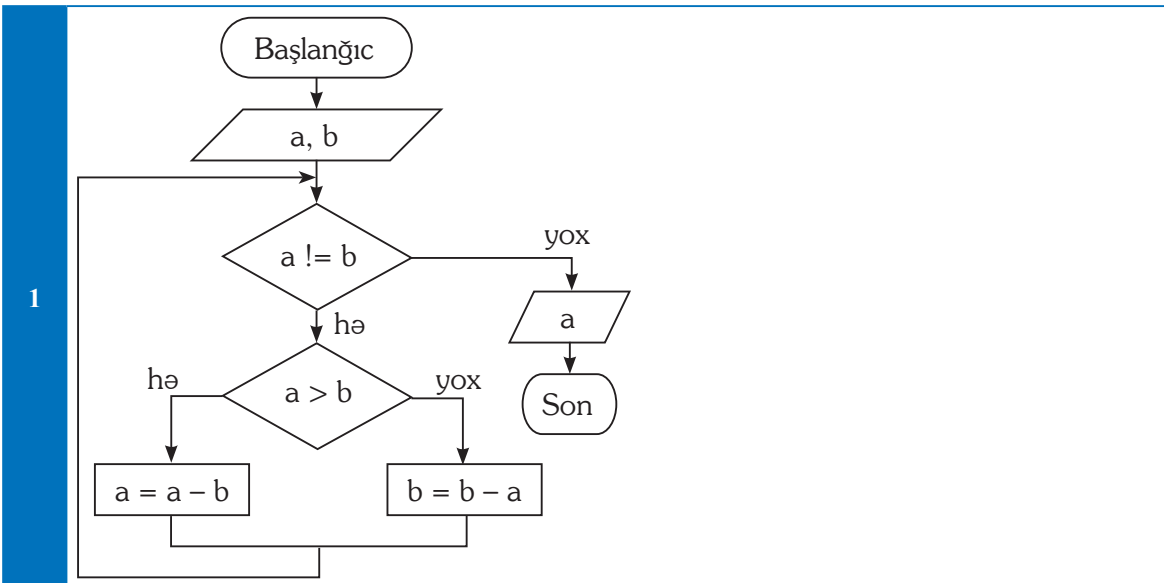
Verilənlər bazası

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C	B	E	D	B	E	A	D	B	D	B	E	B	D	E	E	E	A	E	D
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A	A	A	B	D	E	C	C	C	B	E	C	C	C	A	D	B	D	E	E
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
A	C	B	C	B	E	C	A	A	A	C	D	B	A	C	B	C	E	D	3
81	82	83	84	85	86	87	88	89	90	91	92								
D	C	E	A	B	D	A	D	B	E	C	A								

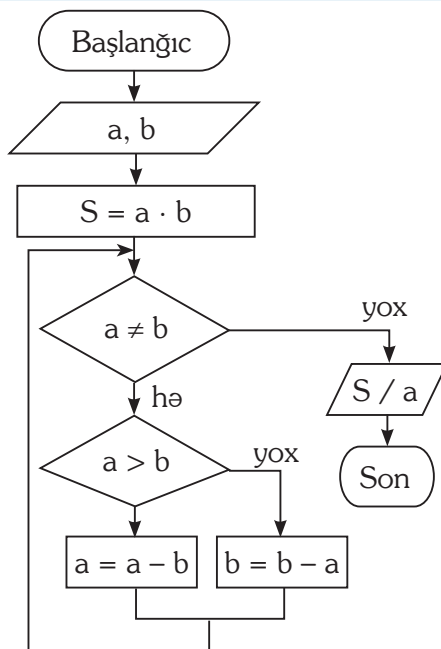
Alqoritm

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
E	A	E	A	C	B	B	C	D	E	D	C	B	D	B	A	C	A	D	C
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A	A	D	A	C	C	B	A	C	D	C	C	A	D	E	B	A	A	C	E
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
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81	82	83																	
31	4	2																	

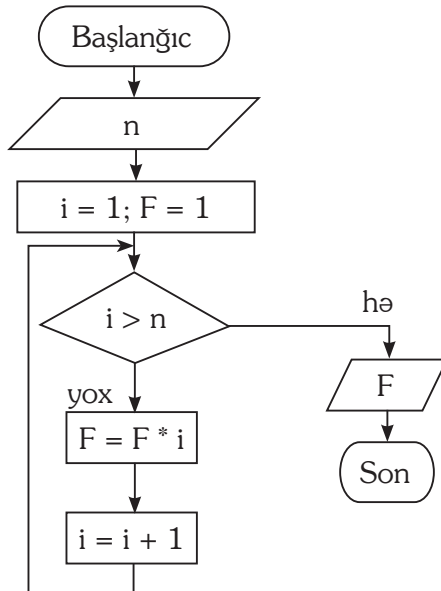
Ətraflı yazı tələb edən tapşırıqlar



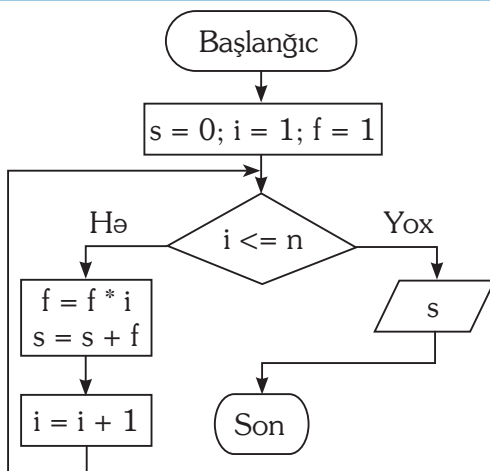
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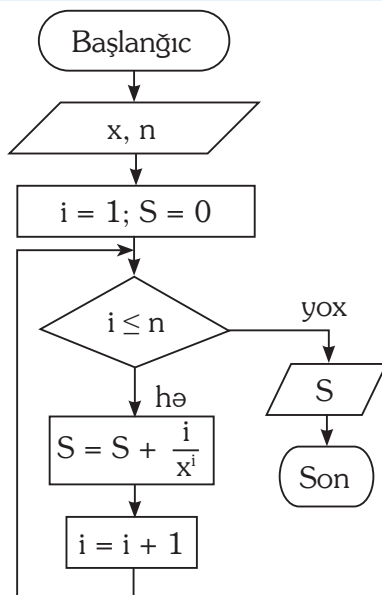
3



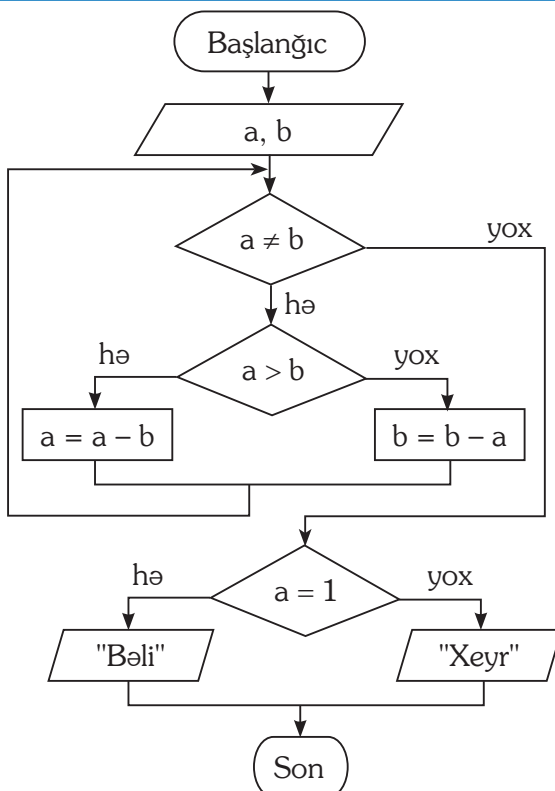
4



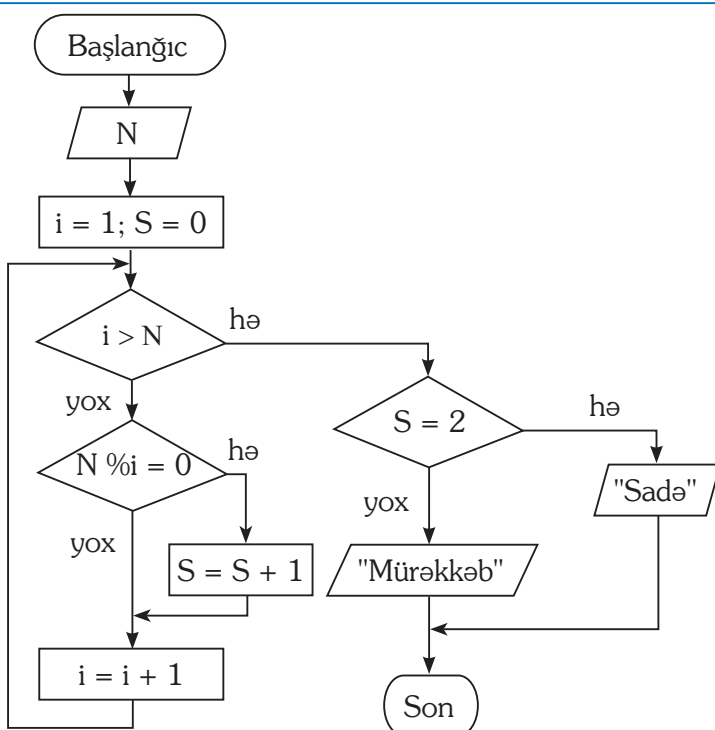
5



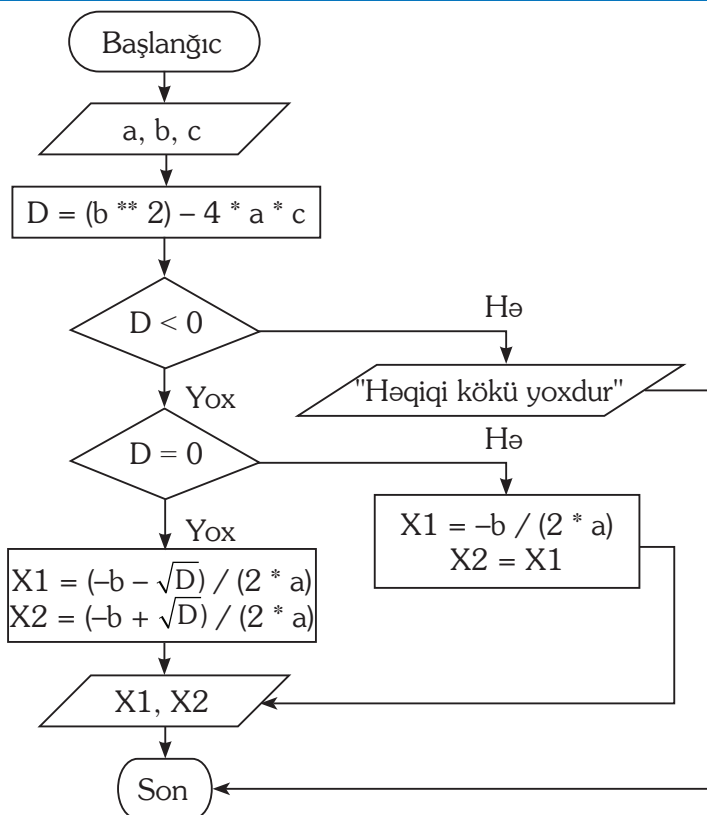
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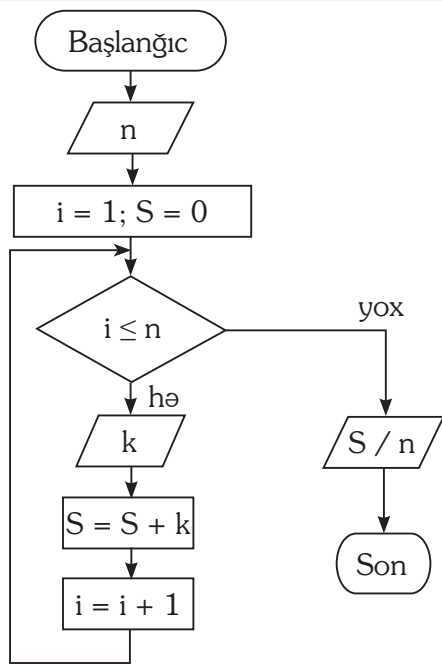
7



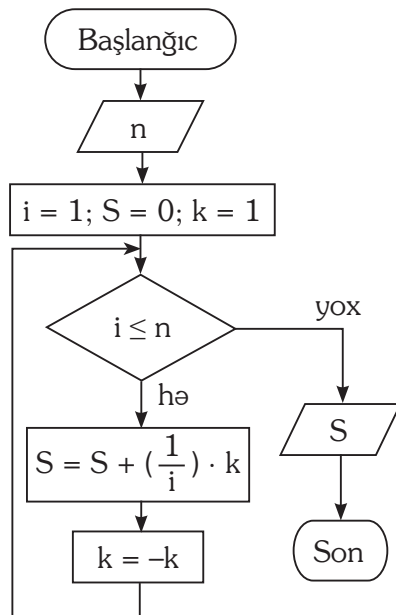
8



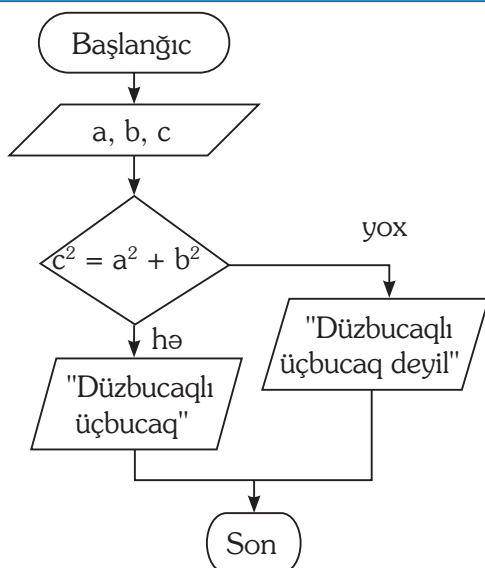
9



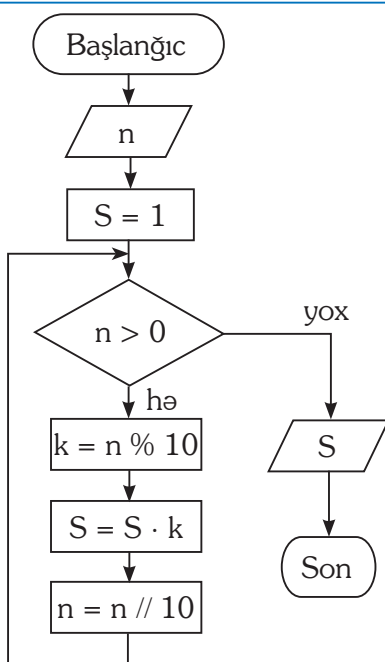
10



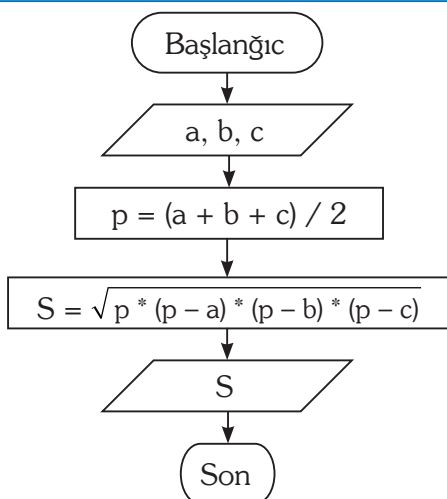
11



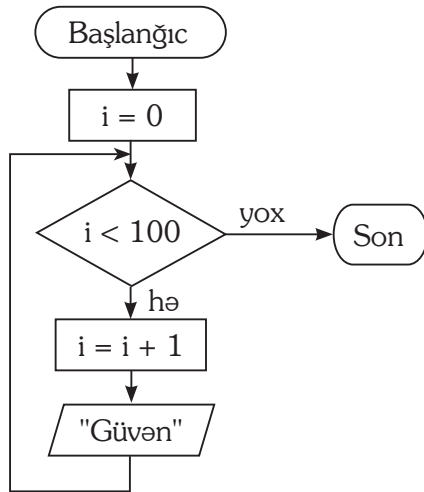
12



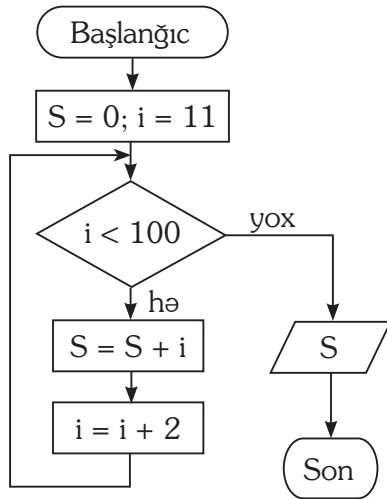
13



14



15



Proqramlaşdırma

Python proqramlaşdırma dili. Sabit və dəyişən kəmiyyətlər. Verilənlərin daxil və xaric edilməsi. Şərt operatoru.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
C	B	A	A	A	B	C	B	E	E	A	D	A	B	C	A	A	A	E	B
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
D	A	C	E	A	D	E	D	D	E	D	B	E	A	B	C	C	A	A	C
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A	E	E	A	E	A	B	A	A	A	B	C	D	A	A	A	A	A	C	A
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
B	B	B	A	A	D	B	B	B	C	D	B	B	B	B	A	C	B	B	B
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
E	B	A	A	A	D	B	D	B	D	C	B	A	C	A	D	A	B	C	A
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118		
C	D	B	B	A	A	B	A	A	A	C	B	B	C	E	A	B	A		

Sətirlər və onlar üzərində əməllər. Siyahılar və onlar üzərində əməllər.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
C	A	B	A	C	A	C	B	A	D	D	B	B	C	C	B	B	C	A	B
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
C	B	C	A	C	E	A	A	A	D	E	D	B	C	B	A	D	C	A	C
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
C	C	C	B	C	C	A	C	A	C	C	B	C	A	C	C	D	C	A	C
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75					
C	D	C	D	C	C	C	E	C	A	D	A	A	D	C					

Dövr operatoru

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
E	A	E	D	B	B	A	D	E	B	B	D	B	C	A	A	A	A	A	C
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
A	D	B	C	A	A	E	E	B	E	A	C	A	C	C	D	B	C	A	B
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
B	B	A	B	A	A	A	C	D	B	B	A	B	C	C	D	C	A	C	B
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
A	A	C	A	A	A	A	E	C	A	A	A	B	A	D	D	B	A	C	A
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
D	C	B	C	A	C	A	A	A	A	A	A	A	B	A	C	A	A	A	C
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
A	D	C	B	C	C	B	C	A	B	D	A	C	A	B	C	B	B	B	B
121	122	123	124	125	126	127	128	129	130	131	132	133	134						
C	A	B	C	B	C	B	A	C	B	B	A	C	A						

Funksiya

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
B	E	A	B	A	B	C	A	C	B	E	B	D	B	B	C	B	B	B	C
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
E	C	D	B	C	C	D	B	A	B	B	B	A	B	B	B	A	B	B	A
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55					
B	B	C	C	C	B	A	C	C	B	C	A	B	B	C					

Ətraflı yazı tələb edən tapşırıqlar

1	<pre>n=int(input()) s=0 while n>0: k=n%10 n=n//10 s=s+k print(s)</pre>	<pre>a=input() s=0 for i in a: s=s+int(i) print(s)</pre>	<pre>a=input() b=[] for i in a: b.append(int(i)) print(sum(b))</pre>
2	<pre>n=int(input()) s="" while n>0: k=n%10 n=n//10 s=s+str(k) print(s)</pre>	<pre>a=input() s="" for i in a: s=i+s print(s)</pre>	<pre>a=input() b=list(a) b.reverse() print("".join(b))</pre>
3	<pre>n=int(input()) m=[] while n>0: k=n%10 n=n//10 m.append(str(k)) m.reverse() c="".join(m) for i in c: print(int(i))</pre>	<pre>a=input() for i in a: print(i)</pre>	
4	<pre>a=int(input()) a=str(a) n=a[::-1] if a==n: print("yes") else: print("no")</pre>		
5	<pre>n=int(input()) b=str(n) a=[] while n>0: k=n%10 a.append(k) n=n//10 for i in range(len(a)): a[i]=a[i]**len(b) d=sum(a) if d==int(b): print("yes") else: print("no")</pre>		

6

```

a=abs(int(input("birinci eded:")))
b=abs(int(input("ikinci eded:")))
while a!=b:
    if a>b:
        a=a-b
    else:
        b=b-a
if a==1:
    print("Yes")
else:
    print("No")

```

```

a=abs(int(input("birinci eded:")))
b=abs(int(input("ikinci eded:")))
if a>b:
    m=b
else:
    m=a
for i in range(2,m+1):
    if a%i==0 and b%i==0:
        print("qarşılıqlı sadə deyil")
        break
else:
    print("qarşılıqlı sadədir")

```

7

```

n=int(input())
b=[]
s=0
h=1
for i in range(n):
    a=int(input())
    b.append(a)
for i in b:
    if i % 2 == 0:
        s = s + i
    else:
        h=h*i
print("hasil =",h,"cem =",s)

```

8

```

n=int(input())
m=0
while n>0:
    k=n%10
    n=n//10
    if k>m:
        m=k
print(m)

```

9

```

n=int(input())
min=9
while n>0:
    k=n%10
    n=n//10
    if k<min:
        min=k
print(min)

```

10

```

n=int(input())
a=[]
say=0
for i in range(n):
    k=int(input())
    a.append(k)
for i in a:
    d=a.count(i)
    if d>say:
        say=d
print(say)

```

11

```
a=int(input())
b=int(input())
while a!=b:
    if a>b:
        a=a-b
    else:
        b=b-a
print(a)
```

12

```
a=int(input())
b=int(input())
s=a*b
while a!=b:
    if a>b:
        a=a-b
    else:
        b=b-a
print(s/a)
```

13

```
import math
a=float(input())
b=float(input())
c=float(input())
D=b**2-4*a*c
if D>0:
    x1=(-b-math.sqrt(D))/(2*a)
    x2=(-b+math.sqrt(D))/(2*a)
    print(x1,x2)
elif D==0:
    x1=(-b-math.sqrt(D))/2*a
    x2=x1
    print(x1)
else:
    print("Heqiqi helli yoxdur")
```

```
a=float(input())
b=float(input())
c=float(input())
D=b**2-4*a*c
if D>0:
    x1=(-b-D**0.5)/(2*a)
    x2=(-b+D**0.5)/(2*a)
    print(x1,x2)
elif D==0:
    x1=(-b-D**0.5)/2*a
    x2=x1
    print(x1)
else:
    print("Heqiqi helli yoxdur")
```

14

```
n=100
a=[]
for i in range(0,100):
    a.append("python")
print(a)
```

```
n=100
a=[]
i=0
while i<100:
    a.append("python")
    i=i+1
print(a)
```

15

```
n = int(input("Bir ədəd daxil edin: "))
cem = 0
faktorial = 1
for i in range(1, n + 1):
    faktorial= faktorial * i
    cem=cem + faktorial
print(cem)
```

16

```
cumle=input("Bir cümlə daxil edin: ")
n=cumle.split()
b=[]
for soz in n:
    b.append(soz[::-1])
ters_cumle=' '.join(b)
print("Ters çevrilmiş cümlə:", ters_cumle)
```

17

```
cumle = input("Bir cümlə daxil edin: ")
saitler = "aeiouAEIOU"
cem=0
for herf in cumle:
    if herf in saitler:
        cem=cem+1
print(cem)
```

18

```
eded=int(input("ədədi daxil edin: "))
if eded % 3 == 0:
    print("Fon")
elif eded % 5 == 0:
    print("Bon")
elif eded % 3 == 0 and eded % 5 == 0:
    print("FonBon")
else:
    print(eded)
```

19

```
dogru_parol= "secure123"
n = input("Parolu daxil edin: ")
if n == dogru_parol:
    print("Parol doğrudur! Giriş icazə ver-
ildi.")
else:
    print("Parol yanlışdır! Giriş rədd edildi.")
```

20

```
n=int(input())
a=n
s=""
p=""
while n>0:
    k=n%2
    n=n//2
    s=str(k)+s
while a>0:
    d=a%8
    a=a//8
    p=str(d)+p
print(s)
print(p)
```

21

```
def topla(eded1, eded2):
    return eded1 + eded2
def cix(eded1, eded2):
    return eded1 - eded2
def vur(eded1, eded2):
    return eded1 * eded2
def bol(eded1, eded2):
    if eded2 != 0:
        return eded1 / eded2
    else:
        return "Sıfıra bölmək mümkün deyil!"
sec = input("Emeliyyat nömrəsini seçin (1/2/3/4): ")
eded1 = float(input("Birinci ededi daxil edin: "))
eded2 = float(input("İkinci ededi daxil edin: "))
if sec == '1':
    print(topla(eded1, eded2))
elif sec == '2':
    print(cix(eded1, eded2))
elif sec == '3':
    print(vur(eded1, eded2))
elif sec == '4':
    print(bol(eded1, eded2))
else:
    print("Yanlış seçim etdiniz!")
```

22

```
def sade(eded):
    if eded <= 1:
        return "eded sade deyil"
    elif eded == 2:
        return "sadə ədəddir"
    else:
        for i in range(2, eded):
            if eded % i == 0:
                return "eded sade deyil"
        return "sadə ədəddir"
eded = int(input("Bir ədəd daxil edin: "))
print(sade(eded))
```

23

```
n=int(input())
list=[]
for i in range(n):
    list.append(int(input()))
boyuk_eded=max(list)
kicik_eded=min(list)
print(list.index(boyuk_eded),list.index(kicik_eded))
```

24

<pre>n=int(input()) f=1 for i in range(1,n+1): f=f*i print(f)</pre>	<pre>n=int(input()) f=1 i=1 while i<=n: f=f*i i=i+1 print(f)</pre>
---	---

25	<pre> n=int(input()) list=[] cem=0 for i in range(n): list.append(int(input())) print(sum(list)/len(list)) </pre>	
26	<pre> n=int(input()) cem=0 for i in range(1,n): if n%i==0: cem=cem+i if n==cem: print("yes") else: print("no") </pre>	<pre> def mukemmel_eded(eded): cem = 0 for i in range(1, eded): if eded % i == 0: cem += i if cem == eded: return "yes" else: return "no" n = int(input("Bir ədəd daxil edin: ")) print(mukemmel_eded(n)) </pre>
27	<pre> a=input("Bir sətir daxil edin: ") saitler = "aeiouəöüıAEIOUƏÖÜİ" cem_sait = 0 cem_samit = 0 for i in a: if i.isalpha(): # Yalnız hərfləri nəzərə alırıq if i in saitler: cem_sait=cem_sait + 1 else: cem_samit=cem_samit + 1 print("Saitlərin sayı:",cem_sait) print("Samitlərin sayı:", cem_samit) </pre>	<pre> a=input("Bir sətir daxil edin: ") saitler = "aeiouəöüıAEIOUƏÖÜİ" elifba="abcçdeəfgğhxiijkqlmnoöprşstüüvyzABCÇ-DEƏFGĞHXİİJKQLMNOÖPRŞSTUÜVYZ" cem_sait = 0 cem_samit = 0 for i in a: if i in elifba: # Yalnız hərfləri nəzərə alırıq if i in saitler: cem_sait=cem_sait + 1 else: cem_samit=cem_samit + 1 print("Saitlərin sayı:",cem_sait) print("Samitlərin sayı:", cem_samit) </pre>
28	<pre> def f(n): soz = setir.split() return len(soz) setir = input("Bir sətir daxil edin: ") k=f(setir) print("Sətirdəki sözlərin sayı:", k) </pre>	<pre> setir = input("Bir sətir daxil edin: ") soz = setir.split() print("Sətirdəki sözlərin sayı:", len(soz)) </pre>
29	<pre> setir = input("Bir sətir daxil edin: ") cem = 0 for simvol in setir: if simvol.isdigit(): # Əgər simvol rəqəmdirə cem = cem + int(simvol) print("Sətirdəki rəqəmlərin cəmi:", cem) </pre>	<pre> def reqemler_cemi(setir): cem = 0 for simvol in setir: if simvol.isdigit(): # Əgər simvol rəqəmdirə cem += int(simvol) return cem setir = input("Bir sətir daxil edin: ") netice = reqemler_cemi(setir) print("Sətirdəki rəqəmlərin cəmi:", netice) </pre>
	<pre> setir = input("Bir sətir daxil edin: ") cem = 0 reqem="0123456789" for simvol in setir: if simvol in reqem: # Əgər simvol rəqəmdirə cem = cem + int(simvol) print("Sətirdəki rəqəmlərin cəmi:", cem) </pre>	

30

```
setir = input("Bir sətir daxil edin: ")
boyuk_herf = 0
kicik_herf = 0
for herf in setir:
    if herf.isupper(): # Böyük hərfdirsə
        boyuk_herf += 1
    elif herf.islower(): # Kiçik hərfdirsə
        kicik_herf += 1
print("Böyük hərflərin sayı:", boyuk_herf)
print("Kiçik hərflərin sayı:", kicik_herf)
```

31

```
a1 = float(input("İlk həddi daxil edin (a1): "))
n = int(input("n-ci həddi daxil edin: "))
d = float(input("Davamlılığı (d) daxil edin: "))
a = a1 + (n - 1) * d
print("Silsilənin", n, "-ci həddi:", a)
```

32

```
a1 = float(input("İlk həddi daxil edin (a1): "))
n = int(input("n-ci həddi daxil edin: "))
r = float(input("Mütənasibliyi (r) daxil edin: "))
h = a1 * (r ** (n - 1))
print("Silsilənin", n, "-ci həddi:", h)
```

33

```
eded = input("Natural ədəd daxil edin: ")
# Ədədi siyahıya çeviririk, sonra siyahını artan sıra ilə düzürük
reqemler = sorted(eded)
son = ''.join(reqemler)
print("Rəqəmləri artan sıra ilə düzülmüş ədəd:", son)
```

```
eded = input("Natural ədəd daxil edin: ")
list=list(eded)
list.sort()
print("".join(list))
```

34

```
eded = int(input("Ədəd daxil edin: "))
if eded > 0:
    while eded % 2 == 0:
        eded = eded // 2
    if eded == 1:
        print("Bu ədəd 2-nin qüvvətidir.")
    else:
        print("Bu ədəd 2-nin qüvvəti deyil.")
else:
    print("Bu ədəd 2-nin qüvvəti deyil.")
```

35

```
eded = int(input("2-nin qüvvəti olan bir ədəd daxil edin: "))
derece = 0
p = eded
while p > 1:
    p = p // 2
    derece = derece + 1
print(derece)
```

36

```
a= input("Əsas ədəd daxil edin: ")
n = input("Əlavə ediləcək ədəd daxil edin: ")
son = n+a
print(son)
```

37

```
n=input()
siyahi=list(n)
say=siyahi.count(max(siyahi))
print(say)
```

38	<pre> siyahi = [int(input()) for i in range(1, 101)] m = [] cem = 0 for eded in siyahi: if eded not in m: m.append(eded) cem=cem+eded print(cem) </pre>		<pre> siyahi=[] m = [] cem = 0 for i in range(1,101): siyahi.append(int(input())) for eded in siyahi: if eded not in m: m.append(eded) cem=cem+eded print(cem) </pre>
39	<pre> a=input() list=list(a) max=0 for i in list: d=list.count(i) if d>max: max=d n=i print(max,n) </pre>		
40	<pre> a=input() list=a.split() cem="" for soz in list: cem=cem+soz[0] print(cem) </pre>		
41	<pre> a=input() b=a.split() m=0 d="aeouiöüıAEOUIİÖÜ" t=0 for i in b: if len(i)>m: m=len(i) if m==len(i): k=i for x in k: if x in d: t=t+1 print(t) </pre>	<pre> def soz(x): a="aeiouəıöüıAEIOUƏİÖÜİ" say=0 for i in x: if i in a: say=say+1 return say c=input() list=c.split() l=max(list, key=len) k=soz(l) print("Ən uzun söz:", l) print("Bu sözdəki saitlərin sayı:", k) </pre>	
42	<pre> m=input() r="" for i in m: if i.isdigit(): r=r+i print(r) </pre>	<pre> m=input() r="" for i in m: if '0'<= i <= '9': r=r+i print(r) </pre>	<pre> m=input() r="0123456789" s="" for i in m: if i in r: s=s+i print(s) </pre>

43

```
a=input()
b=""
for i in a:
    if i.isupper():
        b=b+i.lower()
    elif i.islower():
        b=b+i.upper()
    else:
        b=b+i
print(b)
```

```
a = input("Sətir daxil edin: ")
print(a.swapcase())
```

44

```
def f(x):
    r=""
    y=list(x)
    r=r+y[-1]
    for i in y:
        y.remove(i)
    return r
a = input("Sətir daxil edin: ")
b=a.split()
c=[]
for i in b:
    c.append(f(i))
d=" ".join(c)
print(d)
```

```
s = input("Sətir daxil edin: ")
n = s.split()
r = ""
for soz in n:
    r=r+soz[-1] + " "
print(r)
```

45

```
def f(x):
    r=""
    d="aeouiöüıAEOUIİÖÜ"
    for i in x:
        if i in d:
            r=r+i
    return r
a=input()
b=a.split()
t=[]
for j in b:
    t.append(f(j))
c=" ".join(t)
print(c)
```

```
def f(x):
    r=""
    d="aeouiöüıAEOUIİÖÜ"
    for i in x:
        if i in d:
            r=r+i
    return r
a=input()
b=a.split()
d=[f(j) for j in b]
c=" ".join(d)
print(c)
```

46

```
n=input()
s=n.split()
b=[]
for i in s:
    if int(i) % 2 == 0 and int(i) % 3 == 0:
        b.append(int(i)**2)
print(sum(b))
```

```
ededler = input("Ədədləri daxil edin: ")
s = input().split()
cem = 0
for eded in ededler:
    eded = int(eded)
    if eded % 6 == 0:
        cem += eded ** 2
print("Cəm: ", cem)
```

47

```

a="abcçdeəfgğhxiijkqlmnoöprşstuüvyz"
s=input("Sözü daxil edin: ")
d=""
for i in s:
    if i.isupper():
        i=i.lower()
        d=d+i
    else:
        d=d+i
y=""
for i in d:
    if i in a:
        indeks=a.index(i)
        if indeks==len(a)-1:
            y=y+a[0]
        else:
            y=y+a[indeks+1]
    else:
        y=y+i
print(y)

```

```

s= input("Sözü daxil edin: ")
y = ""
for i in s:
    if i == 'z':
        y += 'a'
    elif i == 'Z':
        y += 'A'
    else:
        y += chr(ord(i) + 1)
print(y)

```

48

```

s = ["sıfır", "bir", "iki", "üç", "dörd", "beş",
     "altı", "yeddi", "səkkiz", "doqquz"]
d = int(input("0-dan 9-a qədər bir ədəd daxil edin: "))
if 0 <= d <= 9:
    print(s[d])
else:
    print("Düzgün ədəd daxil edin (0-9).")

```

```

eded = int(input("0-dan 9-a qədər bir ədəd daxil edin: "))
if eded == 0:
    print("sıfır")
elif eded == 1:
    print("bir")
elif eded == 2:
    print("iki")
elif eded == 3:
    print("üç")
elif eded == 4:
    print("dörd")
elif eded == 5:
    print("beş")
elif eded == 6:
    print("altı")
elif eded == 7:
    print("yeddi")
elif eded == 8:
    print("səkkiz")
elif eded == 9:
    print("doqquz")
else:
    print("Zəhmət olmasa 0-dan 9-a qədər bir ədəd daxil edin.")

```

49

```
cumle = input("Cümləni daxil edin: ").lower()
soz = input("Axtarılacaq sözü daxil edin: ").lower()
s = cumle.split()
say = 0
for i in s:
    if i == soz:
        say += 1
print(say)
```

50

```
s = [-5, 3, -2, 7]
for i in range(len(s)):
    if s[i] < 0:
        s[i] = abs(s[i] ** 3)
print(s)
```

Kompüter şəbəkələri

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
D	E	D	B	A	A	B	E	D	C	C	E	B	D	B	A	D	E	B	B
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
A	C	D	A	C	E	D	A	E	B	B	A	A	C	D	B	C	A	D	B
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A	C	E	A	B	C	A	D	B	C	A	A	C	C	C	C	C	D	C	C
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
E	C	C	C	A	D	E	C	C	B	C	D	E	C	A	B	C	D	E	D
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
E	E	B	D	A	A	B	E	A	B	C	C	D	C	E	B	256	64	20	128

İnternet

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
D	C	B	E	C	D	B	D	B	B	E	E	A	C	A	B	A	A	B	B
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
A	C	A	E	C	A	B	B	B	C	D	C	A	D	C	B	E	C	A	A
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
B	C	D	E	E	B	C	A	B	A	E	B	D	A	C	A	A	E	C	A
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
E	D	B	E	A	A	E	D	C	A	C	A	A	B	C	A	B	C	B	B
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
B	C	C	A	D	D	A	B	D	D	E	E	A	B	A	C	C	A	E	B
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
D	C	A	E	B	D	B	D	A	E	C	B	D	A	E	C	B	D	E	A
121	122	123	124	125	126														
C	D	B	E	C	D														

Veb proqramlaşdırma

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
B	C	A	D	D	A	E	C	D	E	B	C	E	E	A	E	B	B	A	A
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
B	C	C	D	A	C	D	A	C	E	D	A	B	A	A	D	C	B	A	B
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A	D	C	D	C	B	B	E	B	B	A	D	C	A	C	A	C	D	B	A
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
B	C	B	D	E	C	D	A	D	E	C	B	B	A	C	A	D	E	C	A
81	82	83																	
D	D	B																	

CSS dili

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
D	E	A	C	B	D	E	B	D	A	B	C	B	C	B	A	D	A	E	B

Sınaq 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
E	C	A	C	B	D	B	D	A	A	A	A	E	B	C	A	C	A	D	B	A	E
23	24	25	26	27																	
80	3214	512	512	1AD2BC																	

$$35_x + 12_x + 15_x + 41_x = 151_x$$

$$3 \cdot x^1 + 5 \cdot x^0 + 1 \cdot x^1 + 2 \cdot x^0 + 1 \cdot x^1 + 5 \cdot x^0 + 4 \cdot x^1 + 1 \cdot x^0 = 1 \cdot x^2 + 5 \cdot x^1 + 1 \cdot x^0$$

$$3x + 5 + x + 2 + x + 5 + 4x + 1 = x^2 + 5x + 1$$

$$x^2 + 5x + 1 + 9x + 13 = 0$$

$$x^2 - 4x - 12 = 0$$

28

$$D = b^2 - 4ac = 16 + 48 = 64$$

$$x_1 = \frac{-b + \sqrt{D}}{2a} = \frac{12}{2} = 6$$

$$x_1 = \frac{-b - \sqrt{D}}{2a} = \frac{-4}{2} = -2 \text{ (kənar kök)}$$

Deməli $x = 6$ olur.

Buradan da

$$151_6 = 1 \cdot 6^2 + 5 \cdot 6^1 + 1 \cdot 6^0 = 36 + 30 + 1 = 67_{10}$$

$$1 \text{ Gbayt} = 1024 \text{ Mbayt}$$

$$2 \text{ Gbayt} = 2 \cdot 1024 = 2048 \text{ Mbayt} \text{ (1 diskin həcmi)}$$

29

$$2048 : 6 = 341 \text{ (qalıq 2)}$$

$$4 \cdot 341 = 1364 \text{ (fayl)}$$

$$t = 10 \text{ san}$$

$$V_{\text{sürət}} = 20480 \text{ bit/san}$$

$$Q_{\text{həcm}} = ?$$

$$Q = Vt$$

$$\begin{aligned} Q &= 10 \text{ san} \cdot 20480 \frac{\text{bit}}{\text{san}} = 204800 \text{ bit} = \\ &= 2048 \cdot 100 \text{ bit} = 2^{11} \cdot 2^2 \cdot 25 = \\ &= 25 \cdot 2^{13} \text{ bit} = 25 \cdot 2^{10} \text{ bayt} \end{aligned}$$

30

$$V_{\text{həcm}} = 25 \cdot 2^{10} \text{ bayt}$$

$$i = 4 \text{ bayt}$$

$$M_{\text{simvol}} = ?$$

$$V = M$$

$$M = \frac{V}{i}$$

$$\begin{aligned} M &= \frac{25 \cdot 2^{10} \text{ bayt}}{2^2 \text{ bayt}} = 25 \cdot 2^8 = \\ &= 25 \cdot 8 = 6400 \text{ (simvol)} \end{aligned}$$

Sınaq 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A	E	C	A	E	A	C	E	C	B	B	C	B	B	A	D	E	C	A	E	A	E

23	24	25	26	27
16	5	35	8192	1D2A3C

28	$\begin{aligned} x &= 20 \text{ san} \\ 3x &= (3 \cdot 20) / 2 \text{ san} \\ t_2 &= 30 \text{ san} \end{aligned}$ $Q = Vt$ $\frac{Q_1 = V_1 \cdot 20 \text{ san}}{3 \cdot Q_2 = 2 \cdot V_2 \cdot t_2}$ $\frac{1}{3} = \frac{20}{2 \cdot t_2}$ $\frac{1}{3} = \frac{10}{t_2}$ $t_2 = 3 \cdot 10 = 30$
29	$V_{\text{həcm}} = a \cdot b \cdot n$ $4 \text{ Mbayt} = 1024 \cdot 1024 \cdot n$ $n = \frac{2^{55} \text{ bit}}{2^{20}} = 2^5 \text{ bit} = 32 \text{ bit}$ $N = 2^n = 2^{32} / 2^4 = 2^{28}$ $n_1 = 32 \text{ bit} ; n_2 = 28 \text{ bit}$ $32 \text{ bit} - 28 \text{ bit} = 4 \text{ bit (azalıb hər pikseldə)}$ $2^{20} \cdot 4 \text{ bit} = 2^{22} \text{ bit} = \frac{1}{2} \text{ Mbayt} = 0.5 \text{ Mbayt} = 512 \text{ Kbayt}$ $4 \text{ Mbayt} - 0.5 \text{ Mbayt} = 3.5 \text{ Mbayt}$
30	$32^3 + 8^5 + 67 = (2^5)^3 + (2^3)^5 + 64 + 3 = 2^{15} + 2^{15} + 2^6 + 3 = (2^3)^5 + (2^3)^5 + (2^3)^2 + 3 = 8^5 + 8^5 + 8^2 + 3 = 2 \cdot 8^5 + 1 \cdot 8^2 + 3 \cdot 8^0$ 200103_8

Sınaq 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
E	A	B	C	D	A	D	E	A	B	B	E	A	D	A	C	B	D	A	B	A	E
23	24	25	26	27																	
14	20	8	25	1BE2A3C																	

28	$26+10=36$ $N=36$ $N=2^i = 36 < 64=2^6$ $i = 6 \text{ bit}$ $M_{\text{simvol}} = 7 \cdot 60 = 420$ $V_{\text{həcm}} = M_{\text{simvol}} \cdot i = 420 \cdot 6 = 2520 \text{ bit} = 2520 : 8 \text{ bit} = 315 \text{ bayt}$		
29	$V_{\text{sürət}} = 51200 \text{ bit/san}$ $t = 10 \text{ san}$ $Q_{\text{həcm}} = ?$	$Q_{\text{həcm}} = V_{\text{sürət}} \cdot t$	$Q_{\text{həcm}} = 51200 \text{ bit/san} \cdot 10 \text{ san} = 512000 \text{ bit}$
30	$V_{\text{həcm}} = 512000 \text{ bit}$ $M_{\text{simvol}} = 32000$ $i = ?$ $N = ?$	$V_{\text{həcm}} = M_{\text{simvol}} \cdot i$ $i =$ $N = 2^i$	$i = 16 \text{ bit}$ $N = 2^{16} = 65536$
30	ABCDEF G təpələrinin sayı 7 bərabər olduğundan bu qrafa qonşuluq matrisi qurularsa $7 \times 7 = 49$ xanadan ibarət bir matris alınacaq. $49 - 9$ ("1"-lərin sayı) = 40 ("0"-ların sayı) $40 - 9 = 31$		

Sınaq 4

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A	C	B	D	C	E	A	C	E	C	C	D	D	E	D	B	D	E	C	B	B	A

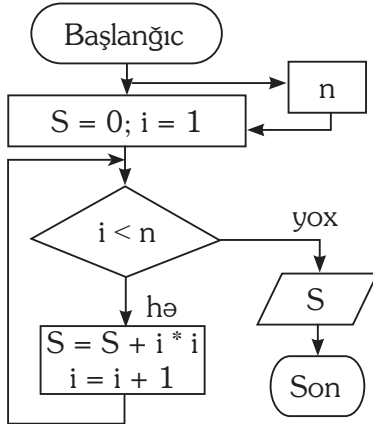
23	24	25	26	27
46	1346	12	11	1D2B3CE

28	$D3 = B\$3 * \$B\$1 = 0 * 3 = 0$ $D1 = A1 + A5 = 1 + 21 = 22$ $D2 = \text{SUM}(B1:B5) = B1 + B2 + B3 + B4 + B5 = 3 + 15 + 0 + 17 + 31 = 66$ $D4 = 14$ $D5 = \text{SUM}(D1:D4) = D1 + D2 + D3 + D4 = 22 + 66 + 0 + 14 = 102$
29	$8 \text{ Mbayt} = 8192 \text{ Kbayt}$ $433 : 4 = 108 \text{ (qalıq 1)} = 109 \text{ (klaster)}$ $109 \cdot 4 = 436 \text{ Kbayt (bir faylın diskdəki həcmi)}$ $8192 : 436 = 18 \text{ (qalıq 344)}$
30	Mətn faylı "Presentation.docx" faylıdır. Qrafik fayl "Doc.bmp" faylıdır. $V = 320 \text{ Kbayt}$ Səhifə = 32 $i = 2 \text{ bayt}$ Simvol = ? 1) $\text{Həcm} = \text{Səhifə} \cdot \text{Simvol} \cdot i$ $320 \cdot 2^{10} = 32 \cdot \text{Simvol} \cdot 2$ $\text{Simvol} = \text{(bir səhifədəki simvol sayı)}$ 2) $320 \cdot 16 : 2 = 320 \cdot 8 = 2560 \text{ (silidikdən sonra bir səhifədə qalan simvol sayı)}$ 3) $V_{\text{mətn}} = 256 \cdot 10 \cdot 1 \text{ bayt} \cdot 32 = 2^8 \cdot 10 \cdot 2^5 = 2^{13} \cdot 10 \text{ bayt} = 80 \text{ Kbayt}$ 4) $V_{\text{qrafik}} = 32 \cdot 16 = 2^5 \cdot 2^4 = 2^9 = 512 \text{ Kbayt}$ $V_{\text{ümumi}} = V_{\text{mətn}} + V_{\text{qrafik}} = 80 + 512 = 592 \text{ Kbayt}$

Sınaq 5

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
B	D	D	B	D	B	E	B	A	A	E	B	B	A	E	E	E	D	E	C	D	D
23	24	25	26	27																	
2	17	3	440	1BE2ACD																	

28



29

1) Üsul	2) Üsul	3) Üsul
<pre> n= int(input()) while n>0: k=n%10 n=n//10 print(k,end="") </pre>	<pre> n= int(input()) for i in range (len(str(n))): k=n%10 n=n//10 print(k,end="") </pre>	<pre> n= int(input()) a=str(n) print(a[::-1]) </pre>

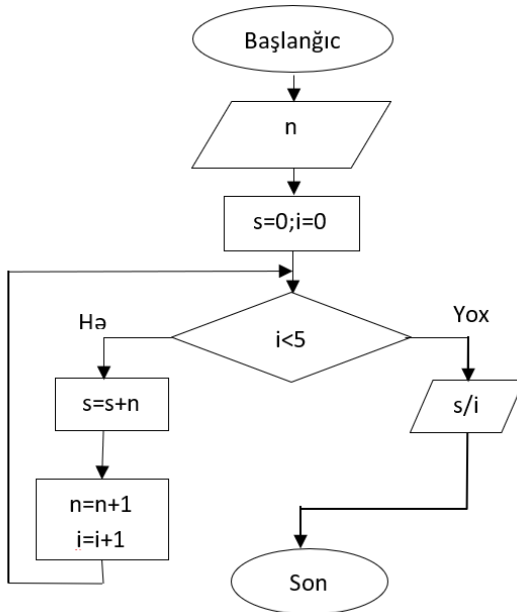
30

1) Üsul	2) Üsul	3) Üsul	4) Üsul
<pre> n= input() s=0 for i in range(len(str(n))): s=s+1 print(s) </pre>	<pre> a= input() s=0 for i in a: s=s+1 print(s) </pre>	<pre> n= input() print(len(n)) </pre>	<pre> n= input() s=0 i=0 while i<len(str(n)): s=s+1 i=i+1 print(s) </pre>

Sınaq 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
B	E	A	A	B	C	C	A	E	E	A	D	B	A	A	D	E	B	E	A	A	C
23	24	25	26	27																	
134	8	222	10	1E2C3A																	

28



29

1) `a=int(input())`
`b=(a//1000)%10`
`if str(b)=="0":`
`print("yes")`
`else:`
`print("no")`

2) `a=int(input())`
`b=(a//1000)%10`
`if b==0:`
`print("yes")`
`else:`
`print("no")`

30

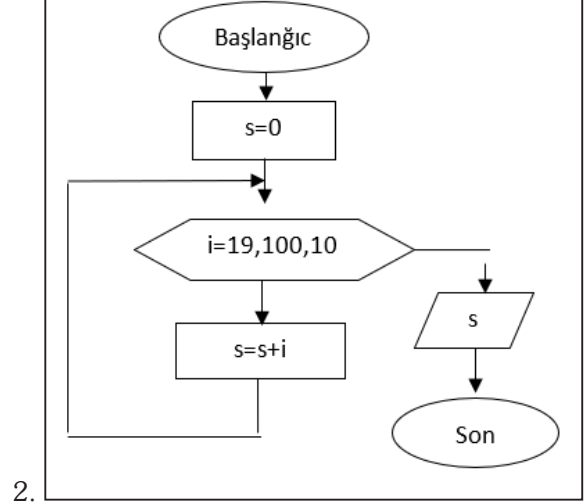
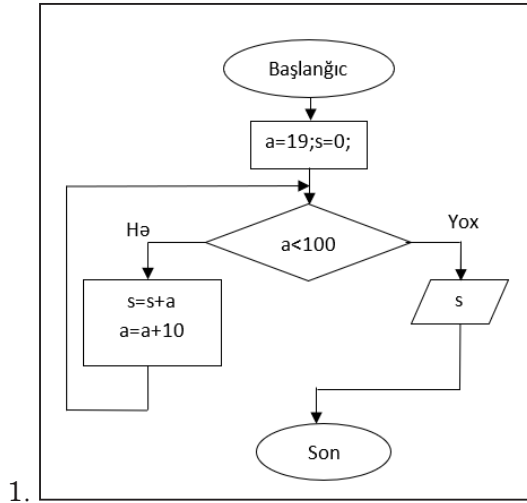
1) `n=int(input())`
`a=n`
`m=str(n)`
`m=list(m)`
`m.reverse()`
`m="".join(m)`
`i=0`
`s=""`
`while n!=0:`
`k=n%10`
`n=n//10`
`c=str(k)`
`s=s+c`
`m=s`
`if a==int(m):`
`print("yes")`
`else:`
`print("no")`

2) `n=int(input())`
`a=n`
`m=str(n)`
`s=""`
`for i in m:`
`s=i+s`
`if int(s)==n:`
`print("yes")`
`else:`
`print("no")`

Sınaq 7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A	B	C	E	D	A	E	B	B	A	E	E	B	A	A	C	A	D	B	B	C	E
23	24	25	26	27																	
5	1	2	146	1ABC2DE																	

28



29

```

a=int(input())
s=""
while a>0:
    k=a%7
    a=a//7
    s=str(k)+s
print(s)
    
```

30

```

a=int(input())
b=int(input())
s=a*b
while a!=b:
    if a>b:
        a=a-b
    else:
        b=b-a
print(s/a)
    
```

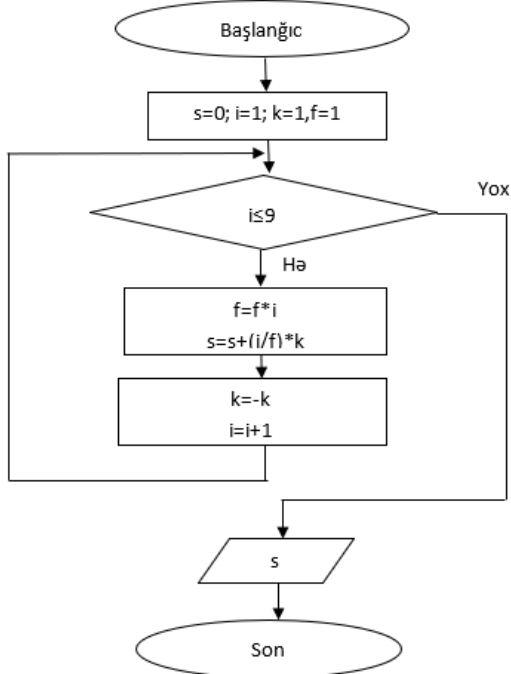
```

def ekob(a,b):
    s=a*b
    while a!=b:
        if a>b:
            a=a-b
        else:
            b=b-a
    return s/a
x=int(input())
y=int(input())
d=ekob(x,y)
print(d)
    
```

Sınaq 8

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A	B	C	A	E	B	A	A	A	E	D	D	C	D	D	C	A	A	A	A	C	C
23	24	25	26	27																	
10	2.5	19	7	1ACE2BD																	

28



29

```

a=input()
b=a.split()
m=0
for i in b:
    n=i.count("w")
    m=m+1
    if n>0:
        print("daxil edilmiş cümələrin", m, "saylı sözündə", n, "sayda w simvolu mövcuddur.")
  
```

30

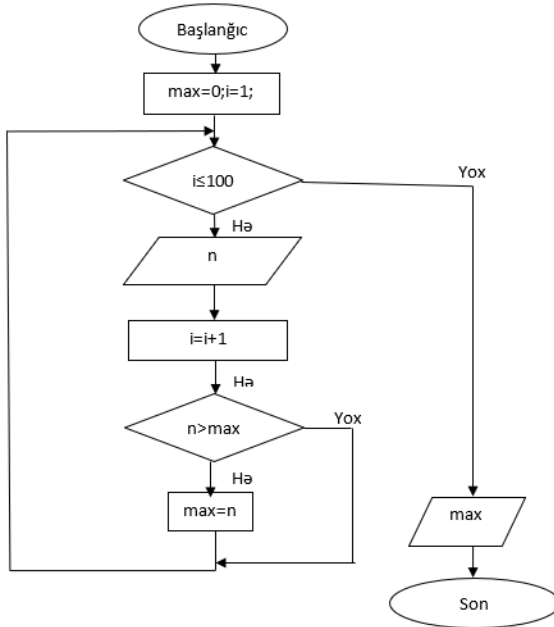
```

m=[]
n=int(input())
s=0
k=0
for i in range(n):
    m.append(int(input()))
    if m[i]>0:
        s=s+m[i]
    elif m[i]<0:
        k=k+1
print(s,k)
  
```

Sınaq 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A	C	D	A	B	D	A	E	D	E	A	A	E	B	D	B	A	C	D	A	B	D
23			24			25			26			27									
367			48			6			5			1ABC2DE									

28



29

```
n=int(input())
a=[]
b=[]
s=0
for i in range(n):
    a.append(int(input()))
    b.append(int(input()))
for i in range(n):
    if a[i]>0:
        s=s+a[i]
    if b[i]>0:
        s=s+b[i]
print(s)
```

30

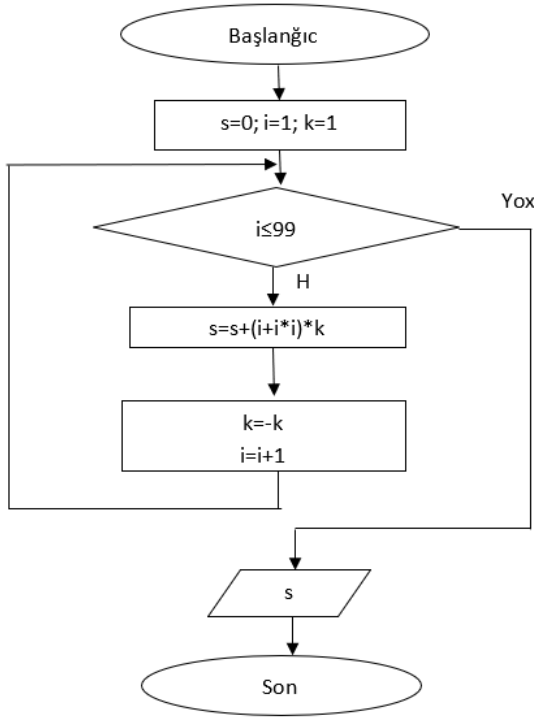
```
1-ci üsul
a=input()
b=list(a)
for i in range(len(b)):
    if i%2==1:
        b[i]=" "
c="".join(b)
print(c)
```

```
2-ci üsul
a=input()
s=""
for i in range(len(a)):
    if i%2==1:
        s=s+" "
    else:
        s=s+a[i]
print(s)
```

Sınaq 10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A	C	D	D	B	B	B	B	A	D	D	D	E	D	B	B	E	C	D	B	C	A
23	24	25	26	27																	
15	24	642	35	1D2C3A																	

28



29

```

n=int(input())
s=0
p=0
while n>0:
    k=n%10
    n=n//10
    if k%2==0:
        s=s+1
    else:
        p=p+1
print("klaviatüradan daxil edilmiş ededde",s, "sayda cüt",p,"sayda tek rəqəm mövcuddur.")
  
```

30

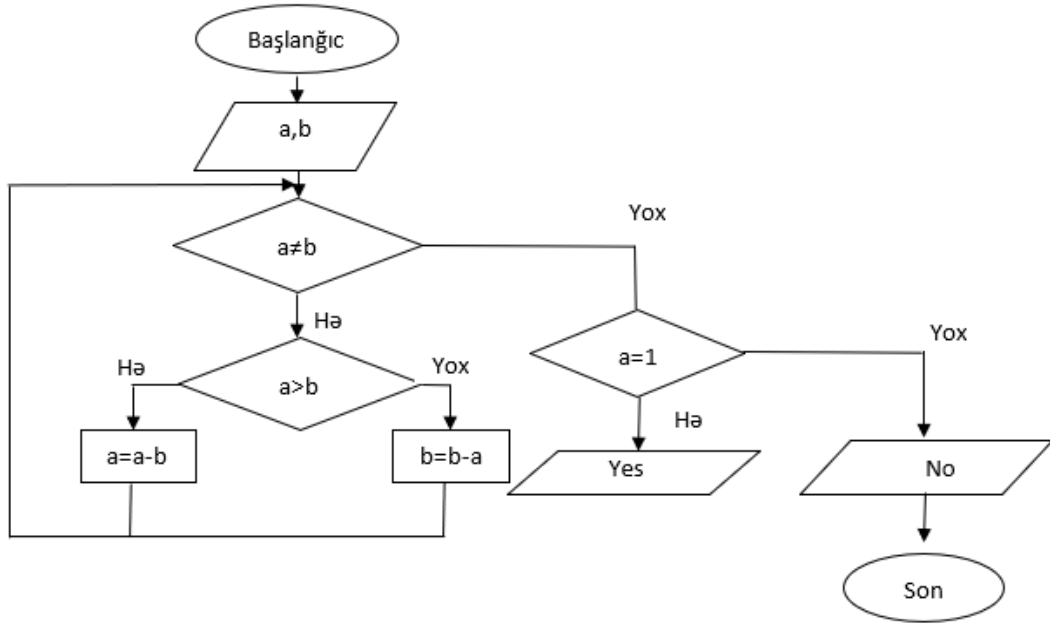
```

n=int(input())
s=0
a=[]
for i in range(0,n):
    k=int(input())
    a.append(k)
for i in range(0,len(a)):
    if i !=0:
        if i%2==0:
            a[i]=a[i]*a[i]
            s=s+a[i]
print(s)
  
```

Sınaq 11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
B	E	A	B	C	D	B	C	C	A	B	C	B	A	D	A	D	E	B	A	D	A
23	24	25	26	27																	
400	222	146	60	1B2A3D																	

28



29

```

a=int(input())
max=0
n=str(a)
for i in n:
    d=n.count(i)
    if d>max:
        max=d
print(max)
  
```

30

```

a=int(input())
n=list(str(a))
d=int(max(n))+int(min(n))
print(d)
  
```