
JAVA PROGRAMMING

Sikl operatorlari while

JAVACHI

1.1 - misol

N butun sonni o'qing, N ning bo'luvchilarini chop eting

Kirish misoli 1

7



Chiqish misoli 1

1 7

Kirish misoli 2

18



Chiqish misoli 2

1 2 3 6 9 18

Kirish misoli 3

23

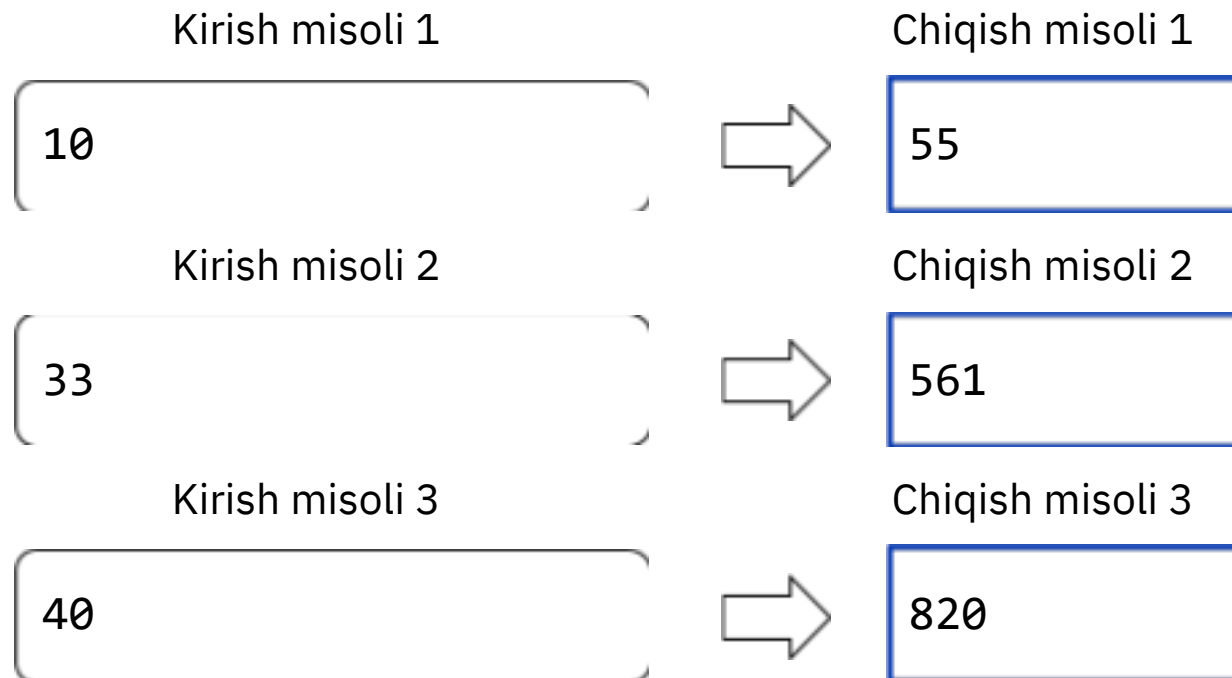


Chiqish misoli 3

1 23

1.2 - misol

N butun sonni o'qing. 1 dan N gacha butun sonlar yig'indisini chop eting.

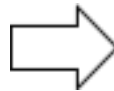


1.3 - misol

N butun son o'qing, 2 dan N gacha faktoriallarni hisoblang

Kirish misoli

10



Chiqish misoli

$$2! = 1 * 2 = 2$$

$$3! = 1 * 2 * 3 = 6$$

$$4! = 1 * 2 * 3 * 4 = 24$$

$$5! = 1 * 2 * 3 * 4 * 5 = 120$$

$$6! = 1 * 2 * 3 * 4 * 5 * 6 = 720$$

$$7! = 1 * 2 * 3 * 4 * 5 * 6 * 7 = 5040$$

$$8! = 1 * 2 * 3 * 4 * 5 * 6 * 7 * 8 = 40320$$

$$9! = 1 * 2 * 3 * 4 * 5 * 6 * 7 * 8 * 9 = 362880$$

$$10! = 1 * 2 * 3 * 4 * 5 * 6 * 7 * 8 * 9 * 10 = 3628800$$

1.4 - misol

N butun son o'qing, Quyida ko'rsatilgandek chop eting.

Kirish misoli

9



Chiqish misoli

1	2	3	4	5	6	7	8	9	0
2	3	4	5	6	7	8	9	0	1
3	4	5	6	7	8	9	0	1	2
4	5	6	7	8	9	0	1	2	3
5	5	7	8	9	0	1	2	3	4
6	7	8	9	0	1	2	3	4	5
7	8	9	0	1	2	3	4	5	6
8	9	0	1	2	3	4	5	6	7
9	0	1	2	3	4	5	6	7	8
0	1	2	3	4	5	6	7	8	9

1.5 - misol

10 dan katta yoki teng bo'lgan butun sonni o'qing. Butun sonning raqamlar yig'indisini hisonlang.

- $6234 = 6+2+3+4 = 15 = 1 + 5 = 6$

Kirish misoli 1

6234



Chiqish misoli 1

6

Kirish misoli 2

123456789



Chiqish misoli 2

9

Kirish misoli 3

40



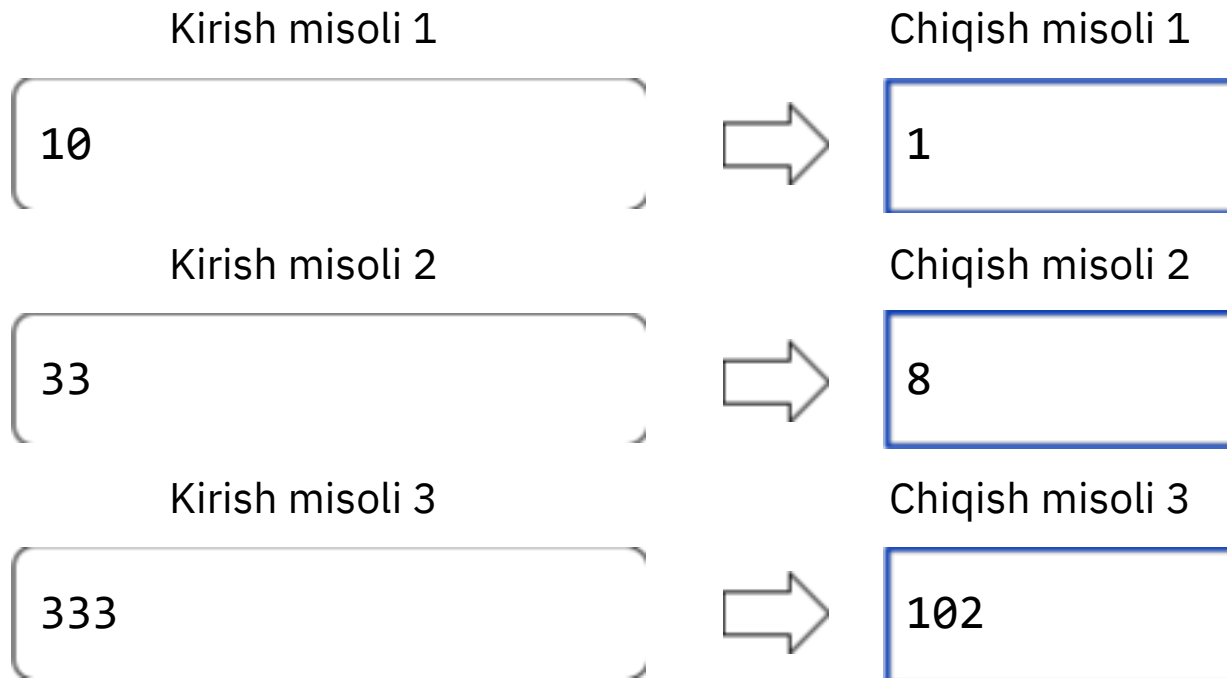
Chiqish misoli 3

4

1.6 - misol

N butun sonini o'qing. 3 raqami 1 dan N gacha necha marta paydo bo'lishini hisoblang.

- 13 -> bitta
- 33 -> ikkita



1.7 - misol

N va M ikkita butun sonini o'qing. Eng katta umumiy maxrajni toping.

- For loop yoki while loop dan foydalaning.

Kirish misoli 1

4 3



Chiqish misoli 1

1

Kirish misoli 2

16 24



Chiqish misoli 2

8

Kirish misoli 3

27 36



Chiqish misoli 3

9

1.8 - misol

Son top o'yini. N raqamini o'qing (javob). Raqamni taxmin qiling va quyidagicha:

- Misol o'ylangan son(5)
- while tsiklidan foydalaning

Chiqish misoli



1.9 - misol

0 ni olguncha bir qancha butun sonlarni o'qing. Hisoblang va butun sonlar yig'indisini chop eting.

- while tsiklidan foydalaning

Kirish misoli 1

2 3 4 0



Chiqish misoli 1

9

Kirish misoli 2

3 2 1 0



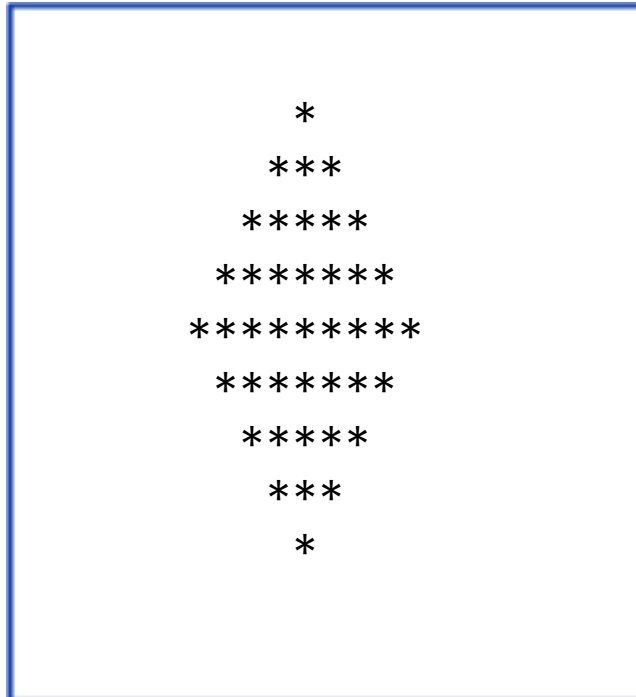
Chiqish misoli 2

6

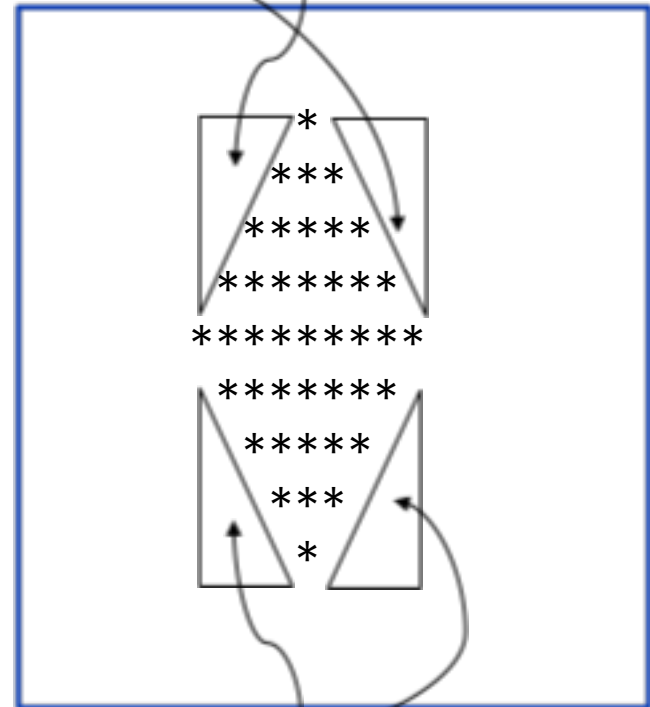
2.0 - misol

Quyida ko'rsatilgandek chop etish uchun nested for sikllardan foydalaning:

Kirish misoli



Bo'shliqlarni mos ravishda chop eting

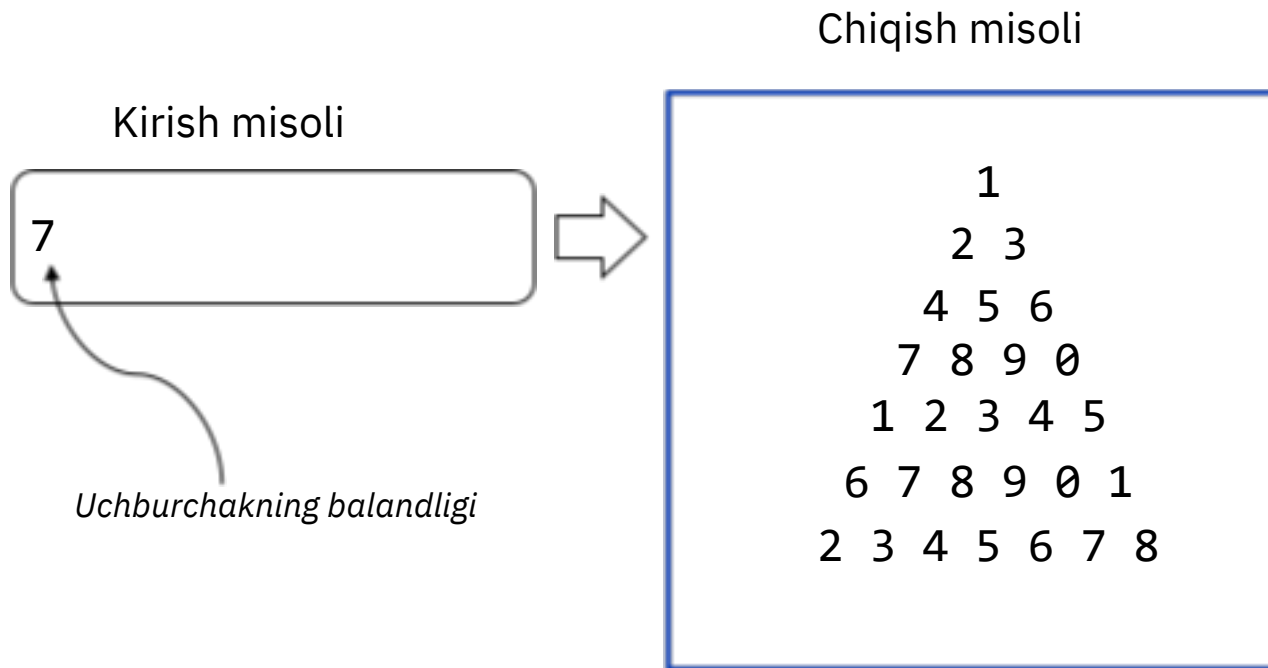


Bo'shliqlarni mos ravishda chop eting

JAVACHI

2.1 - misol

N butun sonini o'qing. Quyida ko'rsatilgandek chop eting:



2.2 - misol

Aytaylik, siz uchta zar (1 dan 6 gacha) chizdingiz. Ularning yig'indisi 10 ga teng bo'lgan barcha mumkin bo'lgan holatlarni chop eting.

Chiqish misoli

```
1 3 6
1 4 5
1 5 4
1 6 3
2 2 6
2 3 5
2 4 4
2 5 3
2 6 2
3 1 6
3 2 5
3 3 4
3 4 3
3 5 2
3 6 1
4 1 5
4 2 4
4 3 3
4 4 2
4 5 1
5 1 4
5 2 3
5 3 2
5 4 1
6 1 3
6 2 2
6 3 1
```