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# PYTHON PROGRAMMING

Sikl operatorlari for va while

**ABRUISDEV**

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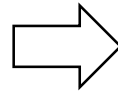
## 1.1 - misol

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- N butun sonni o'qing, 1 dan N gacha bo'lgan sonlarni chop eting

Kirish misoli 1

5

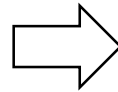


Chiqish misoli 1

1 2 3 4 5

Kirish misoli 2

8

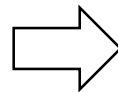


Chiqish misoli 2

1 2 3 4 5 6 7 8

Kirish misoli 3

3



Chiqish misoli 3

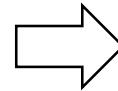
1 2 3

## 1.2 - misol

- N butun sonni o'qing, N dan 1 gacha bo'lgan sonlarni juftlarini chop eting

Kirish misoli 1

9

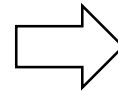


Chiqish misoli 1

8 6 4 2

Kirish misoli 2

5

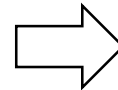


Chiqish misoli 2

4 2

Kirish misoli 3

2



Chiqish misoli 3

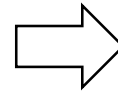
2

## 1.3 - misol

- N va M butun son o'qing, N dan M gacha bo'lgan sonlar ko'paytmasini toping

Kirish misoli 1

2
5

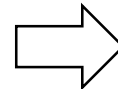


Chiqish misoli 1

120
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Kirish misoli 2

1
3

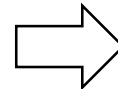


Chiqish misoli 2

6
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Kirish misoli 3

10
13



Chiqish misoli 3

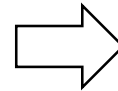
17160
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## 1.4 - misol

- ☒ N butun son o'qing, N gacha bo'lgan toq sonlarning kublarini yig'indisini toping

Kirish misoli 1

5

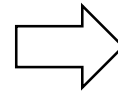


Chiqish misoli 1

153

Kirish misoli 2

9

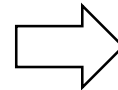


Chiqish misoli 2

1225

Kirish misoli 3

3



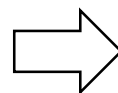
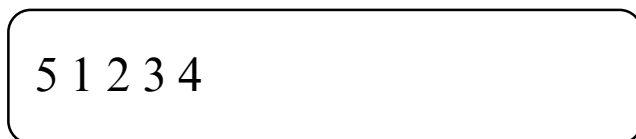
Chiqish misoli 3

27

## 1.5 - misol

- ☒ Stol o'yini uchun 1 dan N gacha raqamlari bo'lgan kartalar ishlatiladi. Qolgan kartalarning raqamlarini bilib, uni toping. N raqami berilgan, keyin N - 1 qolgan kartalar soni (1 dan N gacha bo'lgan turli raqamlar). Dastur yo'qolgan karta raqamini ko'rsatishi kerak.

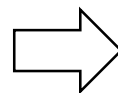
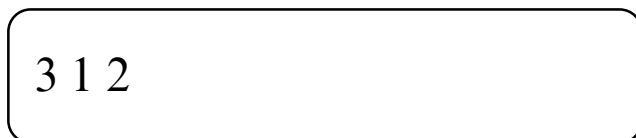
Kirish misoli 1



Chiqish misoli 1



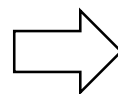
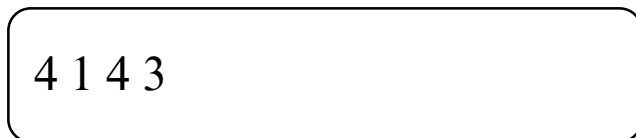
Kirish misoli 2



Chiqish misoli 2



Kirish misoli 3



Chiqish misoli 3

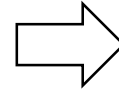


## 1.6 - misol

- ☒ Ketma-ket natural sonlardan iborat va 0 raqami bilan tugaydi. Ushbu ketma-ketlikning nechta elementi oldingi elementdan kattaligini aniqlang.

Kirish misoli 1

1 7 9 0

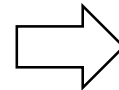


Chiqish misoli 1

2

Kirish misoli 2

1 5 2 4 3 0

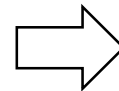


Chiqish misoli 2

2

Kirish misoli 3

1 2 3 4 5 0



Chiqish misoli 3

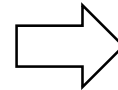
4

## 1.7 - misol

- ▣ N butun son berilgan bo'lsa, N dan oshmaydigan natural sonlarning barcha kvadratlarini o'sish tartibida chop eting.

Kirish misoli 1

50

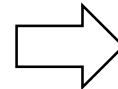


Chiqish misoli 1

1 4 9 16 25 36 49

Kirish misoli 2

20

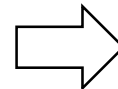


Chiqish misoli 2

1 4 9 16

Kirish misoli 3

7



Chiqish misoli 3

1 4

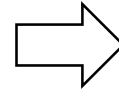


## 1.8 - misol

- ☒ N natural son berilgan bo'lsa, N dan oshmaydigan ikkining darajasi eng katta butun sonini toping. Ko'rsatkichni va darajani o'zini chop eting.

Kirish misoli 1

50

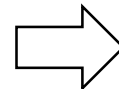


Chiqish misoli 1

5 32

Kirish misoli 2

10

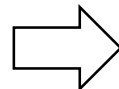


Chiqish misoli 2

3 8

Kirish misoli 3

100



Chiqish misoli 3

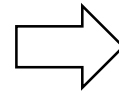
6 64

## 1.9 - misol

- ☒ N soni o'qing va N chi o'rindagi fibonachi sonini aniqlang

Kirish misoli 1

6

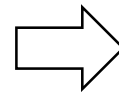


Chiqish misoli 1

8

Kirish misoli 2

4

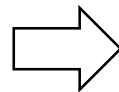


Chiqish misoli 2

3

Kirish misoli 3

5



Chiqish misoli 3

5