

# TAKRORLANUVCHI OPERATORLAR

# Reja

- C++ dasturlash tilida *break* operatori.
- C++ dasturlash tilida *continue* operatori.
- C++ dasturlash tilida *return* operatori.
- C++ dasturlash tilida *Nested Loops*.
- Amaliy mashqlar.

## Shartli belgilar



Eslab qoling



Bilib oling



Misol uchun



Mumkin emas



Uyga topshiriqlar



Amaliy yordam

# C++ dasturlash tilida break operatori



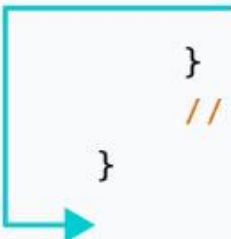
## Eslab qoling

***break*** - C++ dasturlash tilida ***break*** operatori o'zi joylashgan takrorlash operatorining bajarilishini to'xtatishda qo'llaniladi.




Qo'shimcha ma'lumot

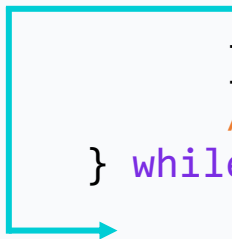
```
for (init; condition; update) {  
    // code  
    if (condition to break) {  
        break;  
    }  
    // code  
}
```



```
while (condition) {  
    // code  
    if (condition to break) {  
        break;  
    }  
    // code  
}
```



```
do {  
    // code  
    if (condition to break) {  
        break;  
    }  
    // code  
} while (condition);
```



```
#include<iostream>
using namespace std;
int main(){
    for(int i = 1; i < 10; i++){
        if(i == 5){
            break;
        }
        cout << " i = " << i << endl;
    }
}
```

```
i = 1
i = 2
i = 3
i = 4
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 1;
    while(i < 10){
        if(i == 5){
            break;
        }
        cout << " i = " << i << endl;
        i++;
    }
}
```

```
i = 1
i = 2
i = 3
i = 4
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 1;
    do{
        if(i == 5){
            break;
        }
        cout << " i = " << i << endl;
        i++;
    } while(i < 10);
}
```

```
i = 1
i = 2
i = 3
i = 4
```

```
#include<iostream>
using namespace std;
int main(){
    for(int i = 1; i < 10; i++){
        cout << " i = " << i << endl;
        if(i == 5){
            break;
        }
    }
}
```

```
i = 1
i = 2
i = 3
i = 4
i = 5
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 1;
    while(i < 10){
        cout << " i = " << i << endl;
        if(i == 5){
            break;
        }
        i++;
    }
}
```

```
i = 1
i = 2
i = 3
i = 4
i = 5
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 1;
    do{
        cout << " i = " << i << endl;
        if(i == 5){
            break;
        }
        i++;
    } while(i < 10);
}
```

```
i = 1
i = 2
i = 3
i = 4
i = 5
```



# C++ dasturlash tilida *continue* operatori




## Eslab qoling

***continue*** operatori o'zi joylashgan takrorlash operatorining bajarilishini bir qadamga chetlab o'tadi, ya'ni bajarilishda o'zi uchragan joydan takrorlash tanasining oxirigacha bo'lgan buyruqlarni bajarilmasligini ta'minlaydi.

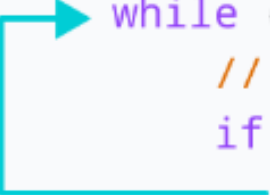


Qo'shimcha ma'lumot


```
for (init; condition; update) {  
    // code  
    if (condition to continue) {  
        continue;  
    }  
    // code  
}
```



```
while (condition) {  
    // code  
    if (condition to continue) {  
        continue;  
    }  
    // code  
}
```



```
do {  
    // code  
    if(condition to break){  
        continue;  
    }  
    // code  
} while (condition);
```



```
#include<iostream>
using namespace std;
int main(){
    for(int i = 1; i < 8; i++){
        if(i == 3){
            continue;
        }
        cout << " i = " << i << endl;
    }
}
```

```
i = 1
i = 2
i = 4
i = 5
i = 6
i = 7
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 0;
    while(i < 8){
        i++;
        if(i == 3){
            continue;
        }
        cout << " i = " << i << endl;
    }
}
```

```
i = 1
i = 2
i = 4
i = 5
i = 6
i = 7
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 1;
    do{
        i++;
        if(i == 3){
            continue;
        }
        cout << " i = " << i << endl;
    } while(i < 7);
}
```

```
i = 1
i = 2
i = 4
i = 5
i = 6
i = 7
```

```
#include<iostream>
using namespace std;
int main(){
    for(int i = 1; i <= 8; i++){
        cout << " i = " << i << endl;
        if(i == 3){
            continue;
        }
    }
    return 0;
}
```

```
i = 1
i = 2
i = 3
i = 4
i = 5
i = 6
i = 7
i = 8
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 0;
    while(i < 8){
        i++;
        cout << " i = " << i << endl;
        if(i == 3){
            continue;
        }
    }
}
```

```
i = 1
i = 2
i = 3
i = 4
i = 5
i = 6
i = 7
i = 8
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 0;
    do{
        i++;
        cout << " i = " << i << endl;
        if(i == 3){
            continue;
        }
    } while(i < 8);
}
```

```
i = 1
i = 2
i = 3
i = 4
i = 5
i = 6
i = 7
i = 8
```

# C++ dasturlash tilida *return* operatori



## Eslab qoling

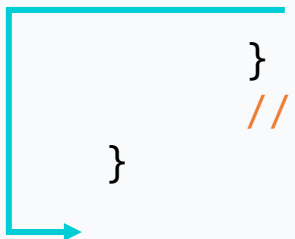
***return*** operatori o'zi joylashgan funksiyaning bajarilishini to'xtatadi. Agar funksiya qiymat qaytarishi kerak bo'lsa, kerakli natijani qaytaruvchi operator hisoblanadi.

```
return [expression];
```

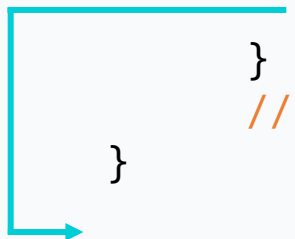


Qo'shimcha ma'lumot

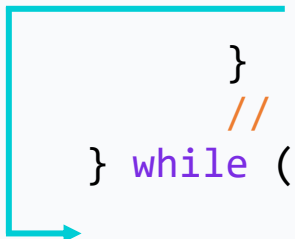
```
for (init; condition; update){  
    // code  
    if(condition to break){  
        return 0;  
    }  
    // code  
}
```



```
while (condition) {  
    // code  
    if(condition to break){  
        return 0;  
    }  
    // code  
}
```



```
do {  
    // code  
    if(condition to break){  
        return 0;  
    }  
    // code  
} while (condition);
```





```
#include<iostream>
using namespace std;
int main(){
    for(int i = 1; i < 8; i++){
        if(i == 3){
            return 0;
        }
        cout << " i = " << i << endl;
    }
}
```

```
i = 1
i = 2
Process returned 0 (0x0)
execution time : 0.047 s
Press any key to continue.
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 1;
    while(i < 8){
        if(i == 3){
            return 0;
        }
        cout << " i = " << i << endl;
        i++;
    }
}
```

```
i = 1
i = 2
Process returned 0 (0x0)
execution time : 0.047 s
Press any key to continue.
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 1;
    do{
        if(i == 3){
            return 0;
        }
        cout << " i = " << i << endl;
        i++;
    } while(i < 8);
}
```

```
i = 1
i = 2
Process returned 0 (0x0)
execution time : 0.047 s
Press any key to continue.
```

```
#include<iostream>
using namespace std;
int main(){
    for(int i = 1; i < 8; i++){
        cout << " i = " << i << endl;
        if(i == 3){
            return 0;
        }
    }
}
```

```
i = 1
i = 2
i = 3
Process returned 0 (0x0)
execution time : 0.047 s
Press any key to continue.
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 1;
    while(i < 8){
        cout << " i = " << i << endl;
        if(i == 3){
            return 0;
        }
        i++;
    }
}
```

```
i = 1
i = 2
i = 3
Process returned 0 (0x0)
execution time : 0.047 s
Press any key to continue.
```

```
#include<iostream>
using namespace std;
int main(){
    int i = 1;
    do{
        cout << " i = " << i << endl;
        if(i == 3){
            return 0;
        }
        i++;
    } while(i < 8);
}
```

```
i = 1
i = 2
i = 3
Process returned 0 (0x0)
execution time : 0.047 s
Press any key to continue.
```

# C++ dasturlash tilida *Nested Loops*

```
for (init; condition; update){  
    for(init; condition; update){  
        statement(s);  
    }  
    statement(s);  
}
```

```
while (condition) {  
    while(condition){  
        statement(s);  
    }  
    statement(s);  
}
```

```
do {  
    do {  
        statement(s);  
    } while (condition);  
    statement(s);  
} while (condition);
```

```
#include <iostream>

using namespace std;

int main() {
    int rows = 5;
    int columns = 3;

    for (int i = 1; i <= rows; ++i) {
        for (int j = 1; j <= columns; ++j){
            cout << "*" << " ";
        }
        cout << endl;
    }

    return 0;
}
```

```
* * *
* * *
* * *
* * *
* * *

Process returned 0 (0x0)
```

```
#include <iostream>

using namespace std;

int main() {
    int weeks = 3, days = 7;

    for (int i = 1; i <= weeks; ++i) {
        cout << "Week: " << i << endl;

        for (int j = 1; j <= days; ++j) {
            if (i == 2) {
                break;
            }
            cout << " Day:" << j << endl;
        }
    }
}
```

```
Week: 1
    Day:1
    Day:2
    Day:3
    Day:4
    Day:5
```

```
#include <iostream>

using namespace std;

int main() {
    int weeks = 3, days = 7;

    for (int i = 1; i <= weeks; ++i) {
        cout << "Week: " << i << endl;

        for (int j = 1; j <= days; ++j) {
            if (j % 2 != 0) {
                continue;
            }
            cout << " Day:" << j << endl;
        }
    }
}
```

```
Week: 1
    Day:2
    Day:4
    Day:6
Week: 2
    Day:2
```



# Amaliy mashqlar





## Uyga topshiriq

1

Foydalanuvchi tomonidan sonlar kiritilaveradi. Bu jarayon musbat bo'lmagan son kiritilguncha davom etadi. Kiritilgan musbat sonlarning yig'indisini toping.



Amaliy yordam



## Uyga topshiriq

2

Foydalanuvchi tomonidan sonlar kiritilaveradi. Bu jarayon musbat bo'lmagan son kiritilguncha davom etadi. Kiritilgan musbat sonlarning yig'indisini toping. Bunda yig'indiga 50 dan katta kiritilgan sonlar qo'shilmaydi.





## Uyga topshiriq

3

N natural soni berilgan. Uning tub yoki tub emasligini aniqlovchi dastur tuzing. Tub son - bu faqat o'ziga va 1 ga qoldiqsiz bo'linadigan son.

1 soni tub ham, murakkab ham emas.



## Uyga topshiriq

4

C++ dasturlash tilida karra jadvalini to'liq (2 dan 9 gacha) ekranga chiqaring dastur tuzilsin.



## Uyga topshiriq

5

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
i	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
i	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



Amaliy yordam



## Uyga topshiriq

6

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



## Uyga topshiriq

7

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



## Uyga topshiriq

8

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



## Uyga topshiriq

9

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]





## Uyga topshiriq

10

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



Amaliy yordam





## Uyga topshiriq

11

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

i	j				
	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

i	j				
	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



## Uyga topshiriq

12

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



## Uyga topshiriq

13

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



## Uyga topshiriq

14

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

i	j				
	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

i	j				
	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



## Uyga topshiriq

15

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



Amaliy yordam



## Uyga topshiriq

16

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



## Uyga topshiriq

17

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]





## Uyga topshiriq

18

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]





## Uyga topshiriq

19

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



## Uyga topshiriq

20

Rasmda sariq rang bilan belgilab ko'rsatilgan shakilda ekranga chiqaruvchi dastur tuzilsin.

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]

	j				
i	A[0][0]	A[0][1]	A[0][2]	A[0][3]	A[0][4]
	A[1][0]	A[1][1]	A[1][2]	A[1][3]	A[1][4]
	A[2][0]	A[2][1]	A[2][2]	A[2][3]	A[2][4]
	A[3][0]	A[3][1]	A[3][2]	A[3][3]	A[3][4]
	A[4][0]	A[4][1]	A[4][2]	A[4][3]	A[4][4]



Amaliy yordam



E'tiboringiz uchun  
raxmat