

ÖDEV 4

SORU 1:

j = -3;

for (i = 0; i < 3; i++) {

switch (j+2) {

case 3:

case 2:

j--;

break;

case 0:

j += 2;

break;

default: * * *

j = 0;

}

if (j > 0)

break;

j = 3 - i;

}

i=0 i=1 i=2

3+2=5 2+2=4

j = -3

j = 0

j = 3

j = 0

j = 2

j = 0

j = 1

for biter j > 0 break

*

*

*

3-0=3

3-1=2

3-2=1

Gözetim:

j = -3

i = 0

int stop_flag = 0;

while (i < 3 && !stop) {

if ((j+2) == 3 || (j+2) == 2) {

j--;

}

else if ((j+2) == 0) {

j += 2;

}

else {

j = 0;

}

if (j > 0) {

stop_flag = 1;

}

else {

j = 3 - i;

i++;

}

}

i=0 i=1 i=2

j = -3

j = 0

j = 3

j = 0

j = 2

j = 0

j = 1

break

3-0=3

3-1=2

3-2=1

i=1

i=2

i=3

```

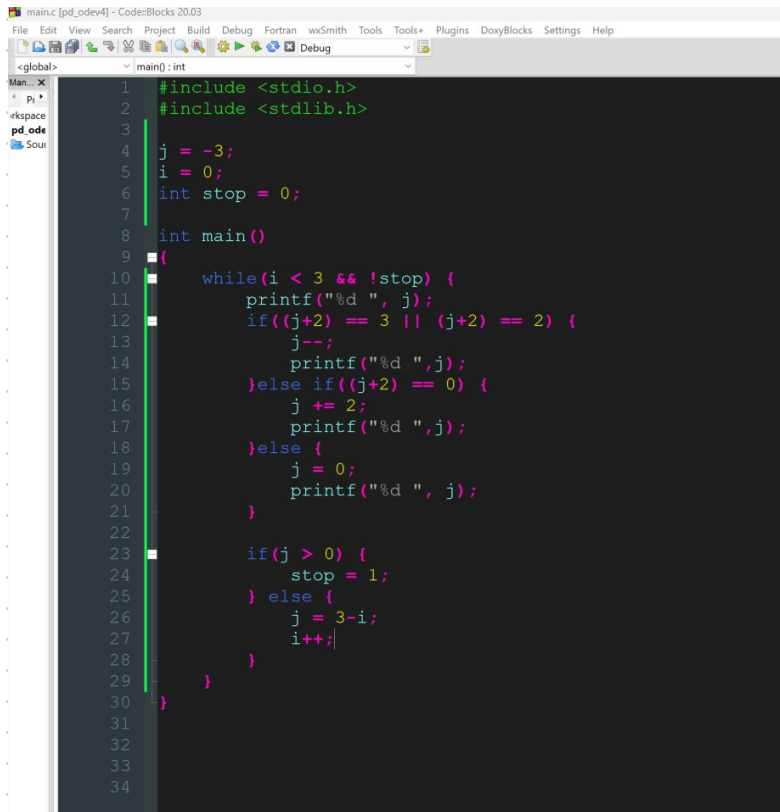
#include <stdio.h>
#include <stdlib.h>

j = -3;
i = 0;
int stop = 0;

int main()
{
    while(i < 3 && !stop) {
        printf("%d ", j);
        if((j+2) == 3 || (j+2) == 2) {
            j--;
            printf("%d ", j);
        } else if((j+2) == 0) {
            j += 2;
            printf("%d ", j);
        } else {
            j = 0;
            printf("%d ", j);
        }

        if(j > 0) {
            stop = 1;
        } else {
            j = 3-i;
            i++;
        }
    }
}

```



```

main.c [pd_odev4] - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DovyBlocks Settings Help
<global> main0: int
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 j = -3;
5 i = 0;
6 int stop = 0;
7
8 int main()
9 {
10     while(i < 3 && !stop) {
11         printf("%d ", j);
12         if((j+2) == 3 || (j+2) == 2) {
13             j--;
14             printf("%d ", j);
15         } else if((j+2) == 0) {
16             j += 2;
17             printf("%d ", j);
18         } else {
19             j = 0;
20             printf("%d ", j);
21         }
22
23         if(j > 0) {
24             stop = 1;
25         } else {
26             j = 3-i;
27             i++;
28         }
29     }
30 }
31
32
33
34

```

SOLUS:

```
for(i=1; i<=n; i++){
```

```
    for(j=1; j<=n; j++){
```

```
        if(x[i][j] != 0)
```

```
            go to reject;
```

```
    printf("First all-zero row is: ", i);
```

```
    break;
```

```
    reject;
```

```
}
```

→ Verilen matriste tüm değeri "0" olan satırı olan "0" değeri döngünün altına atar ve oraya basım yapılır. Bulduğunda ise if'e girilmez ve satır yazdırılarak break yapılır.

Gözüm:

```
int flag = 0;
```

```
for(int i=1; i<=n && !flag; i++){
```

```
    int zero_row = 1;
```

```
    for(j=1; j<=n; j++){
```

```
        if(x[i][j] != 0){
```

```
            zero_row = 0;
```

```
            break;
```

```
        }
```

```
    }
```

```
    if(zero_row){
```

```
        printf("ilk sıfır satırı: %d", i);
```

```
        flag = 1;
```

```
    }
```

```
}
```

```
#include <stdio.h>
#include <stdlib.h>
```

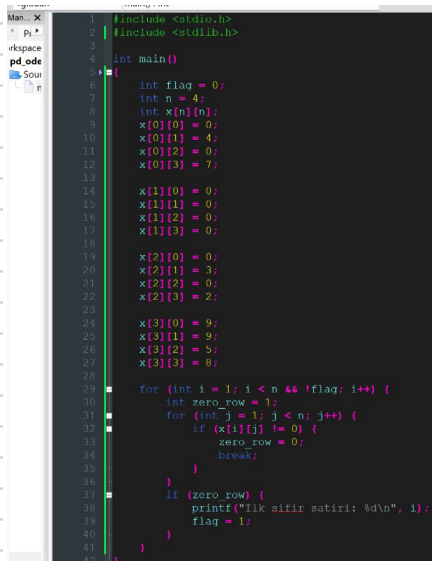
```
int main()
{
    int flag = 0;
    int n = 4;
    int x[n][n];
    x[0][0] = 0;
    x[0][1] = 4;
    x[0][2] = 0;
    x[0][3] = 7;

    x[1][0] = 0;
    x[1][1] = 0;
    x[1][2] = 0;
    x[1][3] = 0;

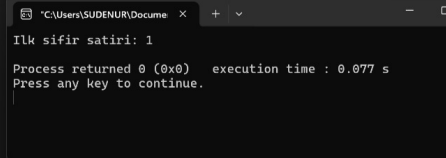
    x[2][0] = 0;
    x[2][1] = 3;
    x[2][2] = 0;
    x[2][3] = 2;

    x[3][0] = 9;
    x[3][1] = 9;
    x[3][2] = 5;
    x[3][3] = 8;

    for (int i = 1; i < n && !flag; i++) {
        int zero_row = 1;
        for (int j = 1; j < n; j++) {
            if (x[i][j] != 0) {
                zero_row = 0;
                break;
            }
        }
        if (zero_row) {
            printf("Ilk sifir satiri: %d\n", i);
            flag = 1;
        }
    }
}
```



```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     int flag = 0;
7     int n = 4;
8     int x[n][n];
9     x[0][0] = 0;
10    x[0][1] = 4;
11    x[0][2] = 0;
12    x[0][3] = 7;
13
14    x[1][0] = 0;
15    x[1][1] = 0;
16    x[1][2] = 0;
17    x[1][3] = 0;
18
19    x[2][0] = 0;
20    x[2][1] = 3;
21    x[2][2] = 0;
22    x[2][3] = 2;
23
24    x[3][0] = 9;
25    x[3][1] = 9;
26    x[3][2] = 5;
27    x[3][3] = 8;
28
29    for (int i = 1; i < n && !flag; i++) {
30        int zero_row = 1;
31        for (int j = 1; j < n; j++) {
32            if (x[i][j] != 0) {
33                zero_row = 0;
34                break;
35            }
36        }
37        if (zero_row) {
38            printf("Ilk sifir satiri: %d\n", i);
39            flag = 1;
40        }
41    }
42 }
```



```
"C:\Users\SUDENUR\Documents"
Ilk sifir satiri: 1

Process returned 0 (0x0)   execution time : 0.077 s
Press any key to continue.
```