

1 – masala

```
1masala.c X
C:\Users\PRO_USER>.vscode>vscode>homework>1masala.c
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main(){
5     system("cls");
6     int marr[4][4];
7     printf("Array: ");
8     for(int i = 0; i < 4; i++){
9         for(int j = 0; j < 4; j++){
10             scanf("%d", &marr[i][j]);
11         }
12     }
13     for(int i = 0; i < 4; i++){
14         for(int j = 0; j < 4; j++){
15             printf("%d\t", marr[i][j]);
16         }
17         puts("");
18     }
19     int yig = 0;
20     for(int n = 0; n < 4; n++){
21         for(int m = 0; m < 4; m++){
22             yig += marr[n][m];
23         }
24     }
25     printf("yigindi ==> %d", yig);
26
27     return 0;
28 }
29
```

PROBLEMS TERMINAL ... Code + - - - - -

Array: 12 56 32 54 58 62 14 52 369 12 25 36 11 10 12 17

yigindi ==> 832

PS C:\Users\PRO_USER\.vscode\vscode\homework>

2 – masala

```
2masala.c X
C:\Users\PRO_USER>.vscode>vscode>homework>2masala.c
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main(){
5     system("cls");
6     int serya[3][4];
7     printf("Array: ");
8     for(int n = 0; n < 3; n++){
9         for(int m = 0; m < 4; m++){
10             scanf("%d", &serya[n][m]);
11         }
12     }
13     for(int i = 0; i < 3; i++){
14         for(int j = 0; j < 4; j++){
15             printf("%d\t", serya[i][j]);
16         }
17         puts("");
18     }
19     printf("\nqator indexi toq orindagi sonlar: ");
20     for(int l = 0; l < 3; l++){
21         for(int k = 0; k < 4; k++){
22             if(l % 2 != 0){
23                 printf("%d\t", serya[l][k]);
24             }
25         }
26     }
27
28     return 0;
29 }
```

PROBLEMS OUTPUT TERMINAL ... Code + - - - - -

Array: 12 25 58 95 11 452 1 41 23 1 25 22 21

qator indexi toq orindagi sonlar: 11 452 1 41

PS C:\Users\PRO_USER\.vscode\vscode\homework>

3 – masala

```
3masala.c X
C:\Users\PRO_USER>.vscode>vscode>homework> 3masala.c

1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <time.h>
4
5  int TOLDIRISH(int n, int m, int array[n][m]){
6      srand(time(0));
7      for(int i = 0; i < n; i++){
8          for(int j = 0; j < m; j++){
9              array[i][j] = rand()%50 + 1;
10             printf("%d\t", array[i][j]);
11         }
12         puts("");
13     }
14 }
15
16 int main(){
17     system("cls");
18     int n, m;
19     printf("Qator va Ustun:  ");
20     scanf("%d%d", &n, &m);
21     int array[n][m];
22     TOLDIRISH(n, m, array);
23
24     printf("\n arrayning ustun indexi juft holatdagi sonlar: ");
25     for(int i = 0; i < n; i++){
26         for(int j = 0; j < m; j++){
27             if(j % 2 == 0){
28                 if(j % 2 == 0 && j != 0){
29                     printf("%d\t", array[i][j]);
30                 }
31             }
32         }
33     }
34 }
```

PROBLEMS OUTPUT TERMINAL ... Code + - - - - -

Qator va Ustun: 7 3

2	33	1
7	40	9
28	22	16
6	48	14
47	10	39
40	7	43
16	21	42

arrayning ustun indexi juft holatdagi sonlar: 1 9 1

6 14 39 43 42

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4 – masala

```
4masala.c X
C:\Users\PRO_USER>.vscode>vscode>homework> 4masala.c

1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main(){
5      system("cls");
6      int array[3][4];
7      printf("12 ta son kiriting: ");
8      for(int n = 0; n < 3; n++){
9          for(int m = 0; m < 4; m++){
10             scanf("%d", &array[n][m]);
11         }
12     }
13     for(int n = 0; n < 3; n++){
14         for(int m = 0; m < 4; m++){
15             printf("%d\t", array[n][m]);
16         }
17         puts("");
18     }
19     printf("\n 0 - qatordagi sonlar: ");
20     for(int n = 0; n < 3; n++){
21         for(int m = 0; m < 4; m++){
22             if(n == 0){
23                 printf("%d\t", array[n][m]);
24             }
25         }
26     }
27
28     return 0;
29 }
```

PROBLEMS OUTPUT TERMINAL ... Code + - - - - -

12 ta son kiriting: 11 15 66 21 41 25 2 52 21 15 48 52

11	15	66	21
41	25	2	52
21	15	48	52

0 - qatordagi sonlar: 11 15 66 21

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5 – masala

```
5masala.c
C:\Users\PRO_USER>.vscode>vscode>homework>5masala.c

4  int main(){
5      system("cls");
6      int n, n1;
7      printf("qator va ustun kiriting: ");
8      scanf("%d%d", &n, &n1);
9      int array[n][n1];
10     printf("\narray: ");
11     for(int i = 0; i < n; i++){
12         for(int j = 0; j < n1; j++){
13             scanf("%d", &array[i][j]);
14         }
15     }
16     for(int a = 0; a < n; a++){
17         for(int b = 0; b < n1; b++){
18             printf("%d\t", array[a][b]);
19         }
20         puts("");
21     }
22     int yig, ust = 0;
23     for(ust; ust < n1; ust++){
24         yig = 0;
25         for(int i = 0; i < n; i++){
26             for(int j = 0; j < n1; j++){
27                 if(j == ust){
28                     yig += array[i][j];
29                 }
30             }
31         }
32         printf("\n%d-index ustundagi sonlar yiginisi == > %d", ust, yig);
33     }
34 }
```

PROBLEMS OUTPUT TERMINAL ... Code + -

qator va ustun kiriting: 3 3

array: 15 48 52 36 1 5 15 89 63
15 48 52
36 1 5
15 89 63

0-index ustundagi sonlar yiginisi == > 66
1-index ustundagi sonlar yiginisi == > 138
2-index ustundagi sonlar yiginisi == > 120
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6 – masala

```
6masala.c
C:\Users\PRO_USER>.vscode>vscode>homework>6masala.c

1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main(){
5      system("cls");
6      int n, n1;
7      printf("qator va ustun kiriting: ");
8      scanf("%d%d", &n, &n1);
9      int array[n][n1];
10     printf("\narray: ");
11     for(int i = 0; i < n; i++){
12         for(int j = 0; j < n1; j++){
13             scanf("%d", &array[i][j]);
14         }
15     }
16     for(int l = 0; l < n; l++){
17         for(int k = 0; k < n1; k++){
18             printf("%d\t", array[l][k]);
19         }
20         puts("");
21     }
22     int qator = 0;
23     for(int i = 0; i < n; i++){
24         int yig = 0;
25         for(int j = 0; j < n1; j++){
26             yig += array[i][j];
27         }
28         printf("\n%d-index qatordagi sonlar yiginisi == > %d", qator, yig);
29         qator++;
30     }
31
32     return 0;
33 }
```

PROBLEMS OUTPUT TERMINAL ... Code + -

qator va ustun kiriting: 3 3

array: 15 24 23 36 21 5 5 36 21
15 24 23
36 21 5
5 36 21

0-index qatordagi sonlar yiginisi == > 62
1-index qatordagi sonlar yiginisi == > 62
2-index qatordagi sonlar yiginisi == > 62
PS C:\Users\PRO_USER\.vscode\vscode\homework>

7 – masala

```
7masala.c
C:\Users\PRO_USER> .\vscode> homework> 7masala.c

4 int main(){
5     system("cls");
6     int n, n1;
7     printf("qator va ustun kiriting: ");
8     scanf("%d%d", &n, &n1);
9     int array[n][n1];
10    printf("\nsonlar: ");
11    for(int i = 0; i < n; i++){
12        for(int j = 0; j < n1; j++){
13            scanf("%d", &array[i][j]);
14        }
15    }
16    for(int a = 0; a < n; a++){
17        for(int b = 0; b < n1; b++){
18            printf("%d\t", array[a][b]);
19        }
20        puts("");
21    }
22    for(int ustun = 0; ustun < n; ustun++){
23        int low = array[0][ustun];
24        for(int i = 0; i < n; i++){
25            for(int j = 0; j < n1; j++){
26                if(j == ustun){
27                    if(low < array[i][j]){
28                        low = array[i][j];
29                    }
30                }
31            }
32        }
33        printf("\n%d - index ustunidagi max son ==> %d", ustun, low);
34    }
```

PROBLEMS OUTPUT TERMINAL ... Code + - - - - -

qator va ustun kiriting: 3 3

sonlar: 12 55 21 48 21 36 015 15 25
12 55 21
48 21 36
15 15 25

0 - index ustunidagi max son ==> 48
1 - index ustunidagi max son ==> 55
2 - index ustunidagi max son ==> 36
PS C:\Users\PRO_USER\.vscode\vscode\homework>

8 – masala

```
8masala.c
C:\Users\PRO_USER> .\vscode> homework> 8masala.c

1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main(){
5     system("cls");
6     int n, n1;
7     printf("qator va ustunni kiriting: ");
8     scanf("%d%d", &n, &n1);
9     int array[n][n1];
10    for(int i = 0; i < n; i++){
11        for(int j = 0; j < n1; j++){
12            scanf("%d", &array[i][j]);
13        }
14    }
15    for(int l = 0; l < n; l++){
16        for(int k = 0; k < n1; k++){
17            printf("%d\t", array[l][k]);
18        }
19        puts("");
20    }
21    puts("\n");
22    for(int g = 0; g < n; g++){
23        for(int h = 0; h < n1; h++){
24            array[g][h] *= array[g][h];
25            printf("%d\t", array[g][h]);
26        }
27        puts("");
28    }
29
30    return 0;
31 }
```

PROBLEMS OUTPUT TERMINAL ... Code + - - - - -

qator va ustunni kiriting: 4 4

15 21 54 3 26 95 15 48 125 236 95 15 15 88 52 1 2
15 21 54 3
26 95 15 48
125 236 95 15
15 88 52 1

225 441 2916 9
676 9025 225 2304
15625 55696 9025 225
225 7744 2704 1
PS C:\Users\PRO_USER\.vscode\vscode\homework>

9 – masala

```
9masala.c
C:\Users\PRO_USER> .\vscode> vscode> homework> 9masala.c

1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main(){
5      system("cls");
6      int n, n1;
7      printf("qator va ustunni kiriting: ");
8      scanf("%d%d", &n, &n1);
9      int array[n][n1];
10     printf("\nArray: ");
11     for(int i = 0; i < n; i++){
12         for(int j = 0; j < n1; j++){
13             scanf("%d\t", &array[i][j]);
14         }
15     }
16     puts("Array ichiga olingan sonlar:");
17     for(int l = 0; l < n; l++){
18         for(int k = 0; k < n1; k++){
19             printf("%d\t", array[l][k]);
20         }
21     }
22 }
```

PROBLEMS OUTPUT TERMINAL ... Code + -

qator va ustunni kiriting: 3 3

Array: 15 24 21 36 22 1 25 25 23

1
Array ichiga olingan sonlar:
15 24 21
36 22 1
25 25 23
Array ichiga olingan sonlarning kvadrati
225 576 441
1296 484 1
625 625 529

juftlarning 0 ga tenglangani:
225 0 441
0 0 1
625 625 529
PS C:\Users\PRO_USER\.vscode\vscode\homework>

```
22 }
23 puts("Array ichiga olingan sonlarning kvadrati");
24 for(int a = 0; a < n; a++){
25     for(int b = 0; b < n1; b++){
26         array[a][b] *= array[a][b];
27         printf("%d\t", array[a][b]);
28     }
29     puts("");
30 }
31 puts("\n juftlarning 0 ga tenglangani: ");
32 for(int l = 0; l < n; l++){
33     for(int k = 0; k < n1; k++){
34         if(array[l][k] % 2 == 0){
35             array[l][k] = 0;
36         }
37         printf("%d\t", array[l][k]);
38     }
39     puts("");
40 }
41
42 return 0;
43 }
```

10 – masala

```
10masala.c
C:\Users\PRO_USER> .\vscode> vscode> homework> 10masala.c

1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main(){
5      system("cls");
6      int n, n1;
7      printf("Qator va ustun kiriting: ");
8      scanf("%d%d", &n, &n1);
9      int array[n][n1];
10     printf("\narray sonlarini kiriting: ");
11     for(int i = 0; i < n; i++){
12         for(int j = 0; j < n1; j++){
13             scanf("%d", &array[i][j]);
14         }
15     }
16     for(int i = 0; i < n; i++){
17         for(int j = 0; j < n1; j++){
18             printf("%d\t", array[i][j]);
19         }
20     }
21     puts("");
22 }
```

PROBLEMS OUTPUT TERMINAL ... Code + -

Qator va ustun kiriting: 3 3

array sonlarini kiriting: -26 -15 15 74 25 -15 26 -11 -22

-26 -15 15
74 25 -15
26 -11 -22

Manfiy sonlar yigilgan array:
-26 -15 -15 -11 -22
Musbat sonlar yigilgan array:
15 74 25 26
PS C:\Users\PRO_USER\.vscode\vscode\homework>

```
22     int manfiy[n];
23     int musbat[n];
24     int index = 0, index1 = 0;
25     for(int l = 0; l < n; l++){
26         for(int k = 0; k < n1; k++){
27             if(array[l][k] > 0){
28                 musbat[index] = array[l][k];
29                 index++;
30             }else if(array[l][k] < 0 ){
31                 manfiy[index1] = array[l][k];
32                 index1++;
33             }
34         }
35     }
36     puts("\nManfiy sonlar yigilgan array: ");
37     for(int i = 0; i < index1; i++){
38         printf("%d\t", manfiy[i]);
39     }
40     puts("\nMusbat sonlar yigilgan array: ");
41     for(int j = 0; j < index; j++){
42         printf("%d\t", musbat[j]);
43     }
44
45     return 0;
46 }
```