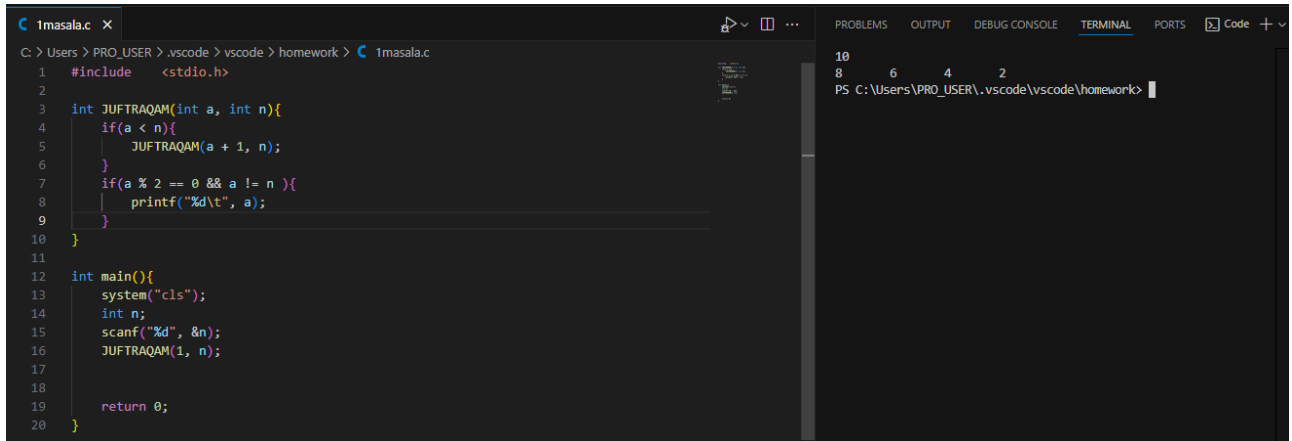


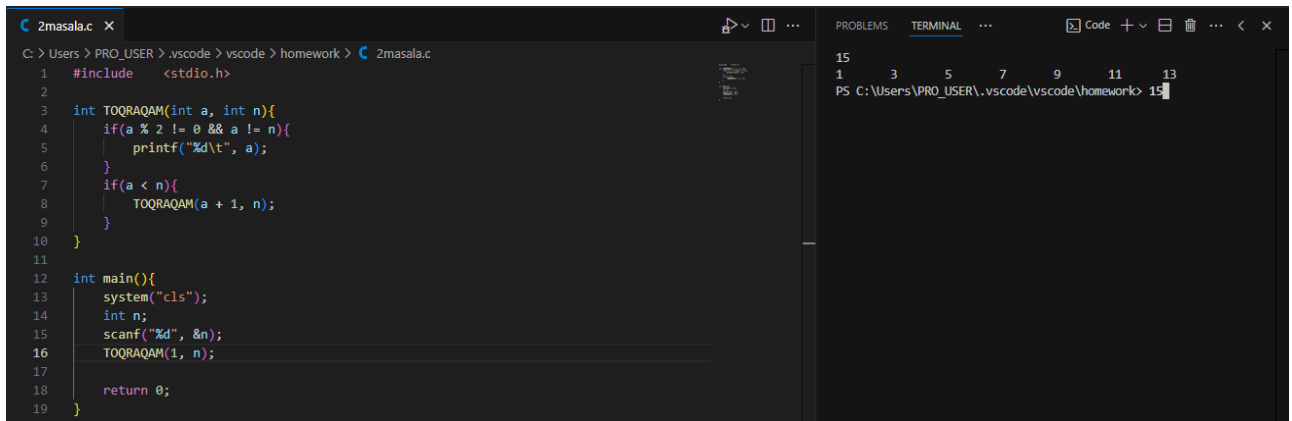
1 – masala



```
C: > Users > PRO_USER > .vscode > vscode > homework > 1masala.c
1 #include <stdio.h>
2
3 int JUFTRAQAM(int a, int n){
4     if(a < n){
5         JUFTRAQAM(a + 1, n);
6     }
7     if(a % 2 == 0 && a != n){
8         printf("%d\t", a);
9     }
10 }
11
12 int main(){
13     system("cls");
14     int n;
15     scanf("%d", &n);
16     JUFTRAQAM(1, n);
17
18     return 0;
19 }
20
```

10
8 6 4 2
PS C:\Users\PRO_USER\.vscode\vscode\homework>

2 – masala

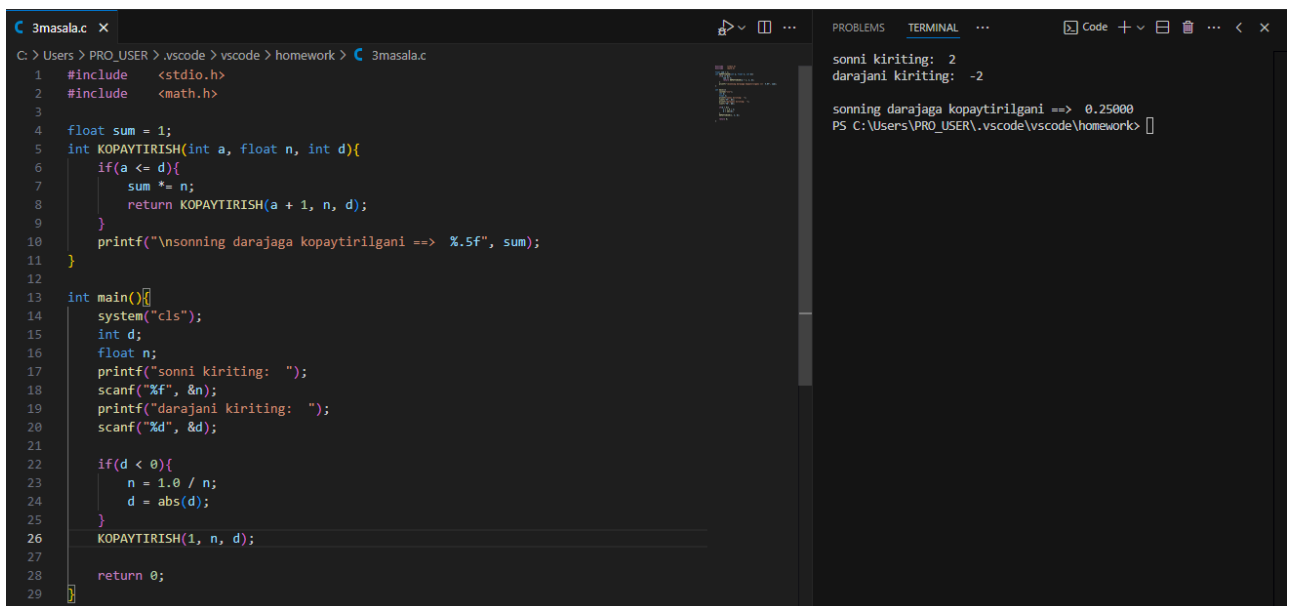


```
C: > Users > PRO_USER > .vscode > vscode > homework > 2masala.c
1 #include <stdio.h>
2
3 int TOQRAQAM(int a, int n){
4     if(a % 2 != 0 && a != n){
5         printf("%d\t", a);
6     }
7     if(a < n){
8         TOQRAQAM(a + 1, n);
9     }
10 }
11
12 int main(){
13     system("cls");
14     int n;
15     scanf("%d", &n);
16     TOQRAQAM(1, n);
17
18     return 0;
19 }

```

15
1 3 5 7 9 11 13
PS C:\Users\PRO_USER\.vscode\vscode\homework> 15

3 – masala



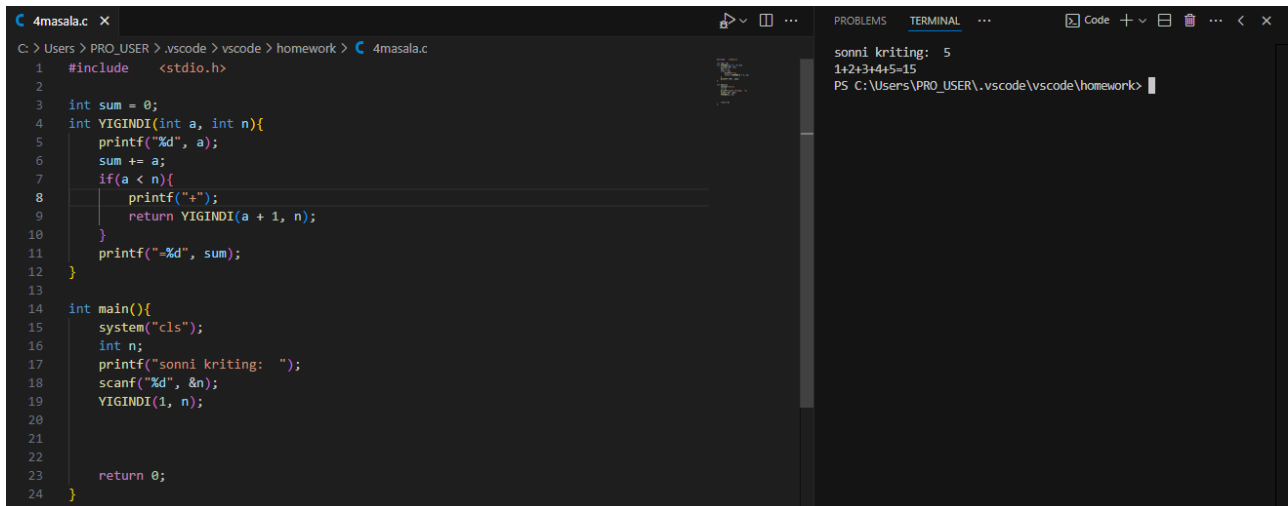
```
C: > Users > PRO_USER > .vscode > vscode > homework > 3masala.c
1 #include <stdio.h>
2 #include <math.h>
3
4 float sum = 1;
5 int KOPAYTIRISH(int a, float n, int d){
6     if(a <= d){
7         sum *= n;
8         return KOPAYTIRISH(a + 1, n, d);
9     }
10     printf("\nsonning darajaga kopaytirilgani ==> %.5f", sum);
11 }
12
13 int main(){
14     system("cls");
15     int d;
16     float n;
17     printf("sonni kiriting: ");
18     scanf("%f", &n);
19     printf("darajani kiriting: ");
20     scanf("%d", &d);
21
22     if(d < 0){
23         n = 1.0 / n;
24         d = abs(d);
25     }
26     KOPAYTIRISH(1, n, d);
27
28     return 0;
29 }

```

sonni kiriting: 2
darajani kiriting: -2

sonning darajaga kopaytirilgani ==> 0.25000
PS C:\Users\PRO_USER\.vscode\vscode\homework>

4 – masala

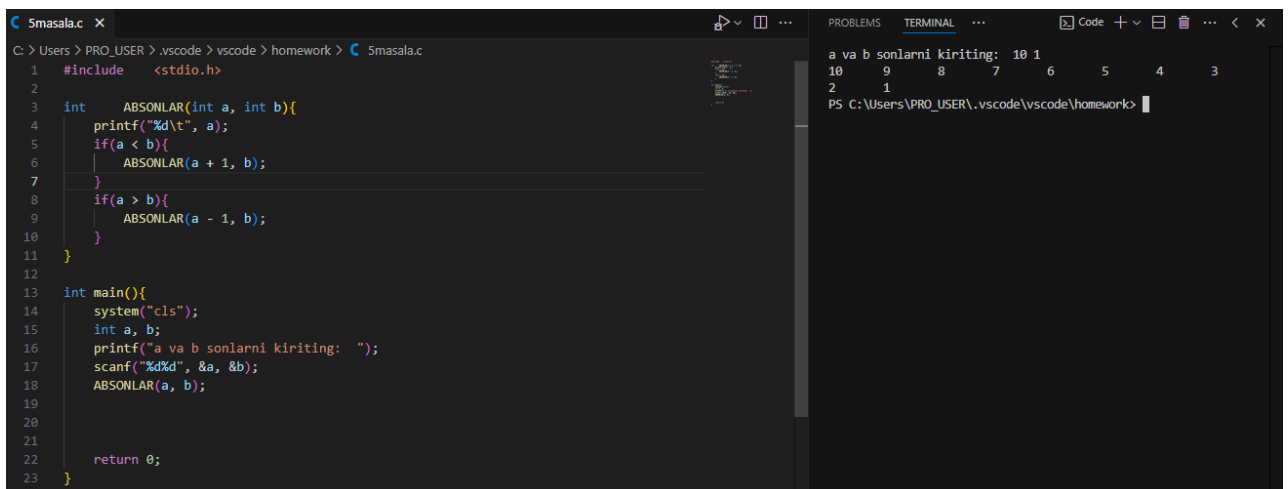


```
4masala.c
C:\Users\PRO_USER>.vscode>vscode>homework>4masala.c
1 #include <stdio.h>
2
3 int sum = 0;
4 int YIGINDI(int a, int n){
5     printf("%d", a);
6     sum += a;
7     if(a < n){
8         printf("+");
9         return YIGINDI(a + 1, n);
10    }
11    printf("%d", sum);
12 }
13
14 int main(){
15     system("cls");
16     int n;
17     printf("sonni kriting: ");
18     scanf("%d", &n);
19     YIGINDI(1, n);
20
21
22
23     return 0;
24 }
```

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

sonni kriting: 5
1+2+3+4+5=15
PS C:\Users\PRO_USER\.vscode\vscode\homework>

5 – masala

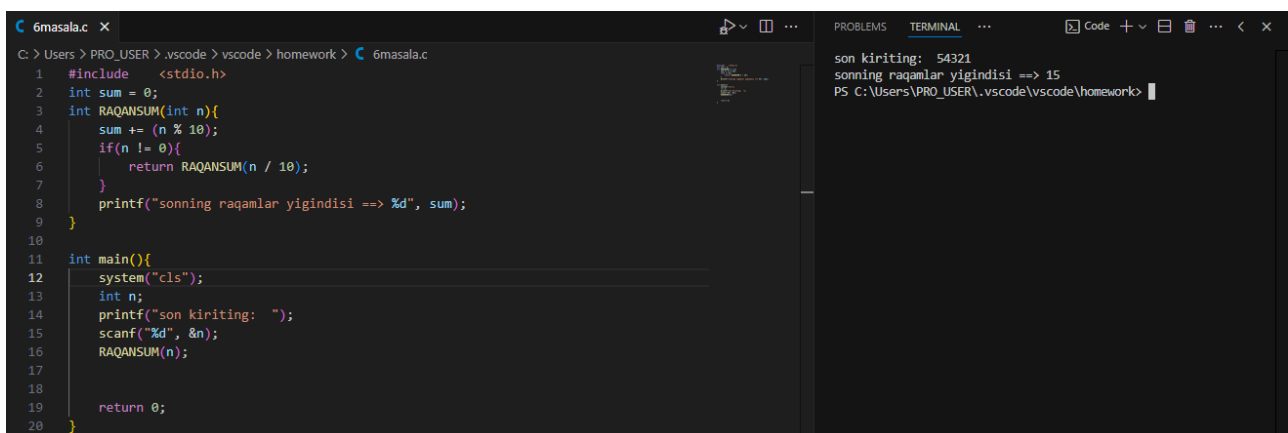


```
5masala.c
C:\Users\PRO_USER>.vscode>vscode>homework>5masala.c
1 #include <stdio.h>
2
3 int ABSONLAR(int a, int b){
4     printf("%d\t", a);
5     if(a < b){
6         ABSONLAR(a + 1, b);
7     }
8     if(a > b){
9         ABSONLAR(a - 1, b);
10    }
11 }
12
13 int main(){
14     system("cls");
15     int a, b;
16     printf("a va b sonlarni kriting: ");
17     scanf("%d%d", &a, &b);
18     ABSONLAR(a, b);
19
20
21
22     return 0;
23 }
```

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

a va b sonlarni kriting: 10 1
10 9 8 7 6 5 4 3
2 1
PS C:\Users\PRO_USER\.vscode\vscode\homework>

6 – masala



```
6masala.c
C:\Users\PRO_USER>.vscode>vscode>homework>6masala.c
1 #include <stdio.h>
2 int sum = 0;
3 int RAQANSUM(int n){
4     sum += (n % 10);
5     if(n != 0){
6         return RAQANSUM(n / 10);
7     }
8     printf("sonning raqamlar yigindisi ==> %d", sum);
9 }
10
11 int main(){
12     system("cls");
13     int n;
14     printf("son kriting: ");
15     scanf("%d", &n);
16     RAQANSUM(n);
17
18
19     return 0;
20 }
```

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

son kriting: 54321
sonning raqamlar yigindisi ==> 15
PS C:\Users\PRO_USER\.vscode\vscode\homework>

7 – masala

```
7masala.c
C:\Users\PRO_USER>.vscode>vscode>homework>7masala.c
1  #include <stdio.h>
2
3  int n = 0;
4  int TUBSON(int a, int son){
5      if(son % a == 0){
6          n++;
7      }
8      if(a < son){
9          return TUBSON(a + 1, son);
10     }
11     if(n == 2){
12         printf("tub son");
13     }else{
14         printf("tub son emas");
15     }
16 }
17
18 int main(){
19     system("cls");
20     int son;
21     printf("sonni kiriting: ");
22     scanf("%d", &son);
23     TUBSON(1, son);
24
25     return 0;
26 }
```

PROBLEMS TERMINAL

sonni kiriting: 17
tub son
PS C:\Users\PRO_USER\.vscode\vscode\homework>

8 – masala

```
8masala.c
C:\Users\PRO_USER>.vscode>vscode>homework>8masala.c
1  #include <stdio.h>
2
3  int sum = 1;
4  int FOKTARIAL(int a, int son){
5      sum *= a;
6      if(a < son){
7          return FOKTARIAL(a + 1, son);
8      }
9      printf("sonning faktoriali ==> %d", sum);
10 }
11
12 int main(){
13     system("cls");
14     int son;
15     printf("sonni kiriting: ");
16     scanf("%d", &son);
17     FOKTARIAL(1, son);
18
19     return 0;
20 }
```

PROBLEMS TERMINAL

sonni kiriting: 5
sonning faktoriali ==> 120
PS C:\Users\PRO_USER\.vscode\vscode\homework>