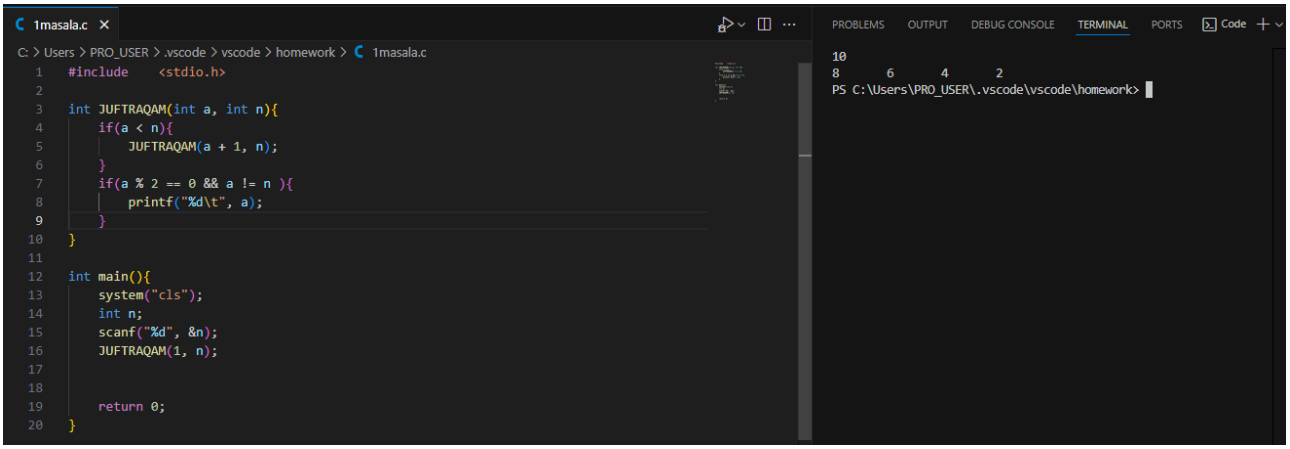
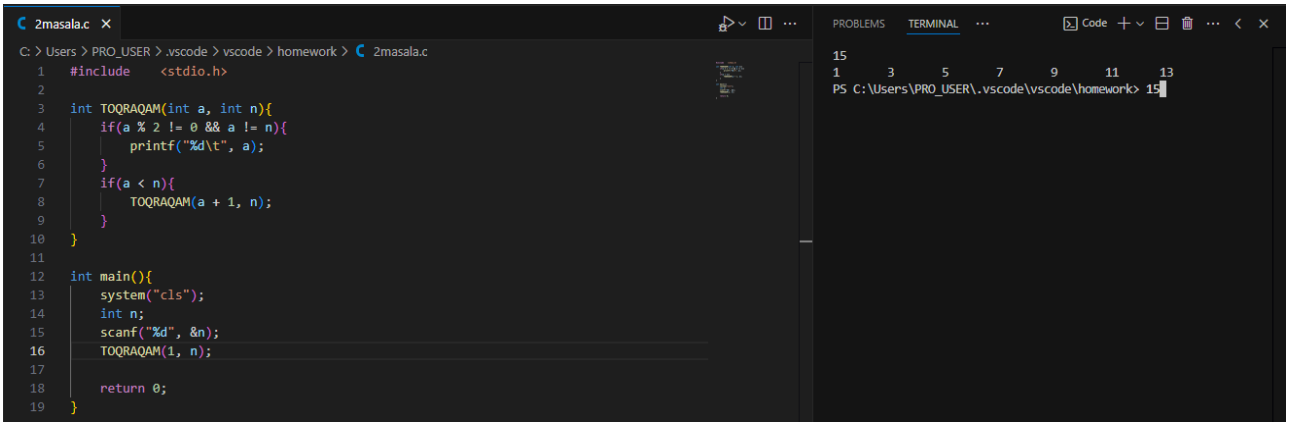
1 – masala



```c
#include    <stdio.h>

int JUFTRAQAM(int a, int n){
    if(a < n){
        JUFTRAQAM(a + 1, n);
    }
    if(a % 2 == 0 && a != n ){
        printf("%d\t", a);
    }
}

int main(){
    system("cls");
    int n;
    scanf("%d", &n);
    JUFTRAQAM(1, n);


    return 0;
}
```

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

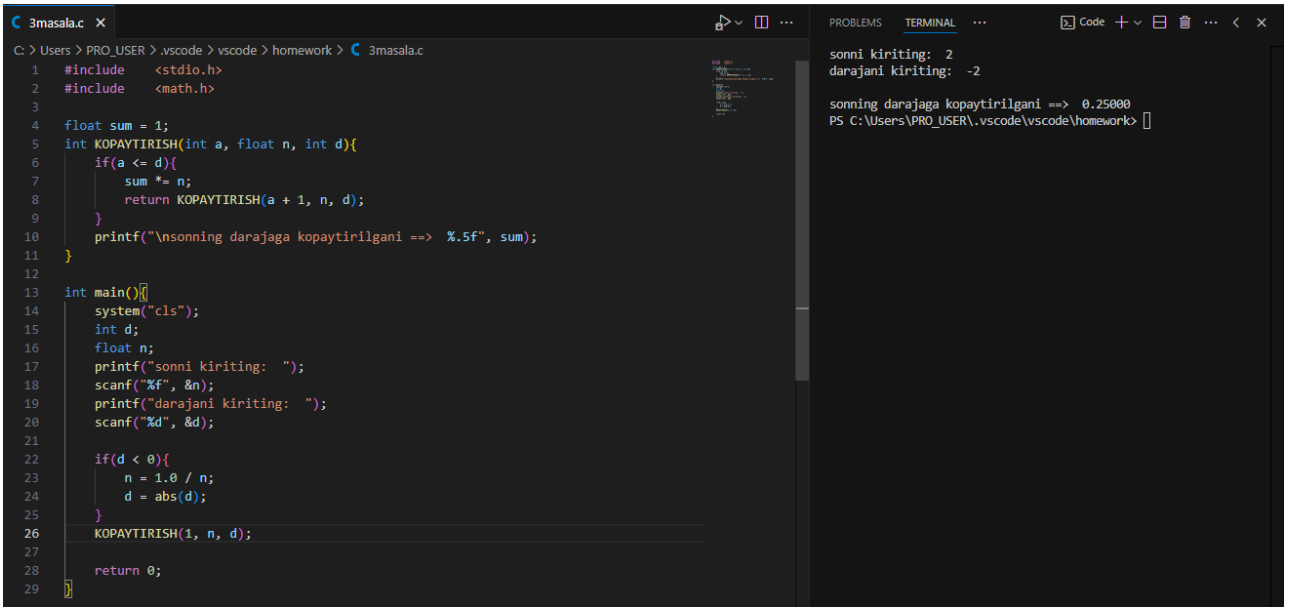
2 – masala



```c
#include    <stdio.h>

int TOQRAQAM(int a, int n){
    if(a % 2 != 0 && a != n){
        printf("%d\t", a);
    }
    if(a < n){
        TOQRAQAM(a + 1, n);
    }
}

int main(){
    system("cls");
    int n;
    scanf("%d", &n);
    TOQRAQAM(1, n);

    return 0;
}
```

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

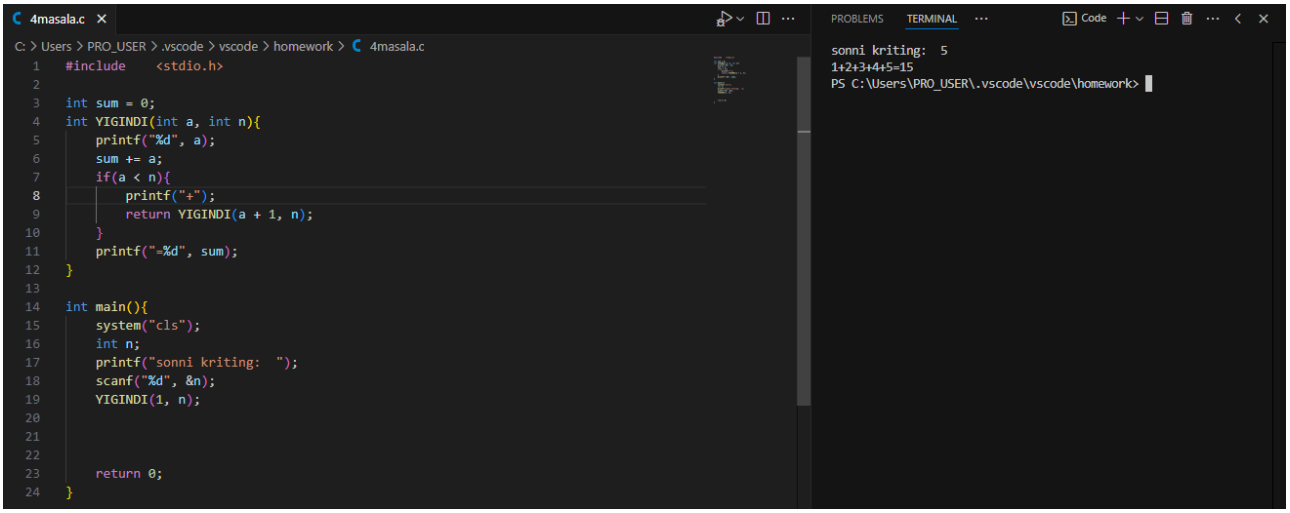
3 – masala



```c
#include    <stdio.h>
#include    <math.h>

float sum = 1;
int KOPAYTIRISH(int a, float n, int d){
    if(a <= d){
        sum *= n;
        return KOPAYTIRISH(a + 1, n, d);
    }
    printf("\nsonning darajaga kopaytirilgani ==>  %.5f", sum);
}

int main(){
    system("cls");
    int d;
    float n;
    printf("sonni kiriting:  ");
    scanf("%f", &n);
    printf("darajani kiriting:  ");
    scanf("%d", &d);

    if(d < 0){
        n = 1.0 / n;
        d = abs(d);
    }
    KOPAYTIRISH(1, n, d);

    return 0;
}
```

```
sonni kiriting:  2
darajani kiriting:  -2

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

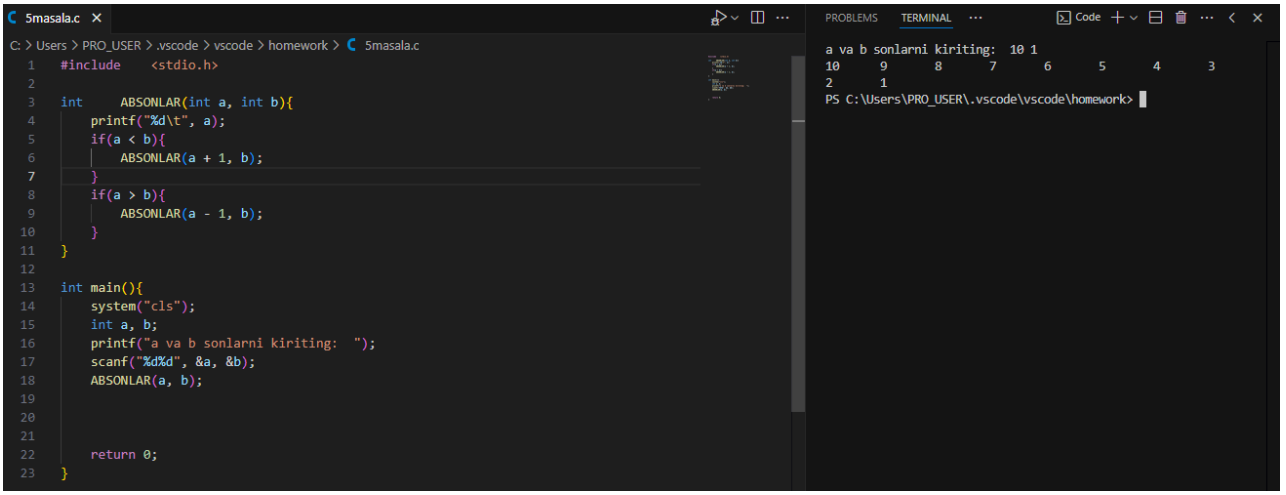
4 – masala



```c
#include    <stdio.h>

int sum = 0;
int YIGINDI(int a, int n){
    printf("%d", a);
    sum += a;
    if(a < n){
        printf("+");
        return YIGINDI(a + 1, n);
    }
    printf("=%d", sum);
}

int main(){
    system("cls");
    int n;
    printf("sonni kriting:  ");
    scanf("%d", &n);
    YIGINDI(1, n);



    return 0;
}
```

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

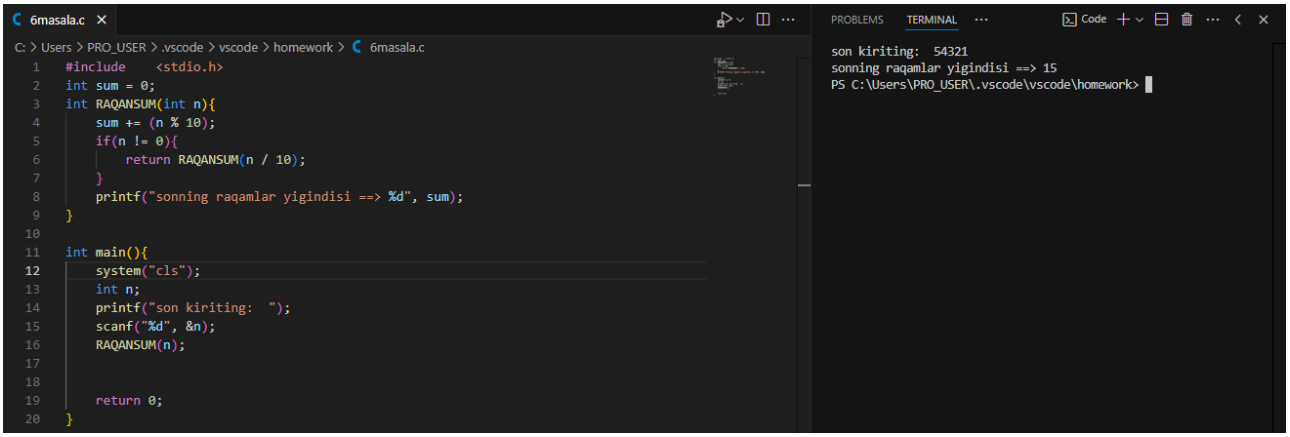
5 – masala



```c
#include    <stdio.h>

int     ABSONLAR(int a, int b){
    printf("%d\t", a);
    if(a < b){
        ABSONLAR(a + 1, b);
    }
    if(a > b){
        ABSONLAR(a - 1, b);
    }
}

int main(){
    system("cls");
    int a, b;
    printf("a va b sonlarni kiriting:  ");
    scanf("%d%d", &a, &b);
    ABSONLAR(a, b);



    return 0;
}
```

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

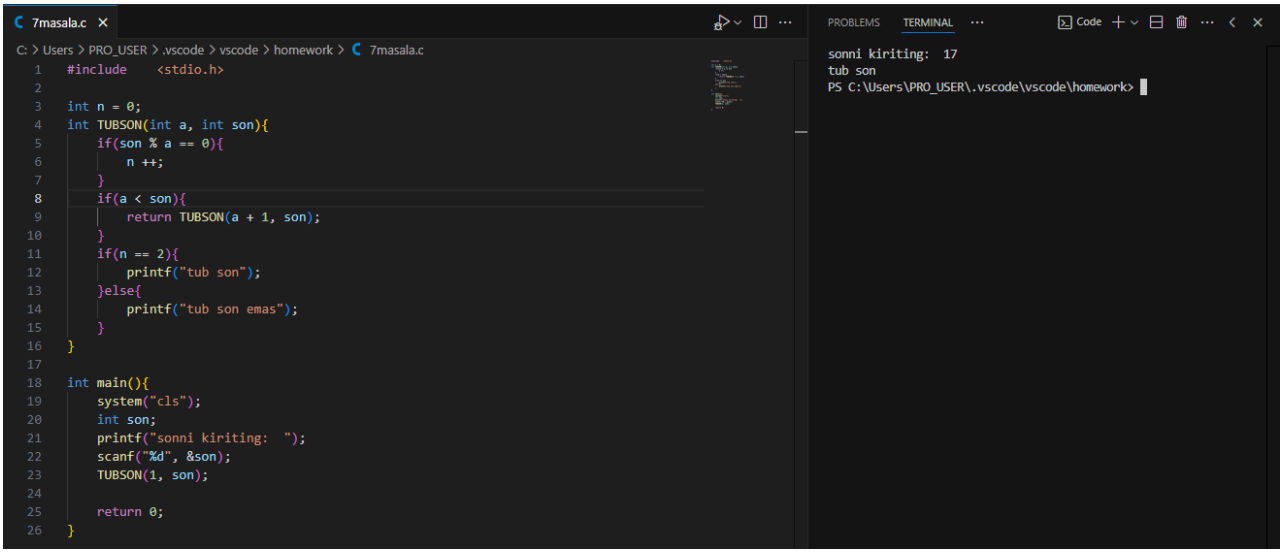
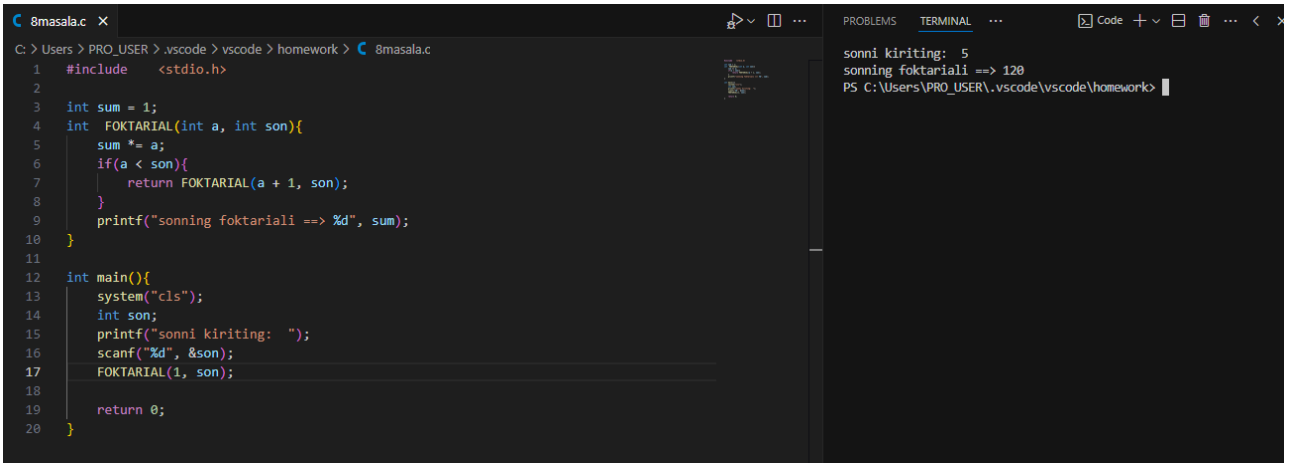
6 – masala



```c
#include    <stdio.h>
int sum = 0;
int RAQANSUM(int n){
    sum += (n % 10);
    if(n != 0){
        return RAQANSUM(n / 10);
    }
    printf("sonning raqamlar yigindisi ==> %d", sum);
}

int main(){
    system("cls");
    int n;
    printf("son kiriting:  ");
    scanf("%d", &n);
    RAQANSUM(n);



    return 0;
}
```

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

7 – masala



8 – masala