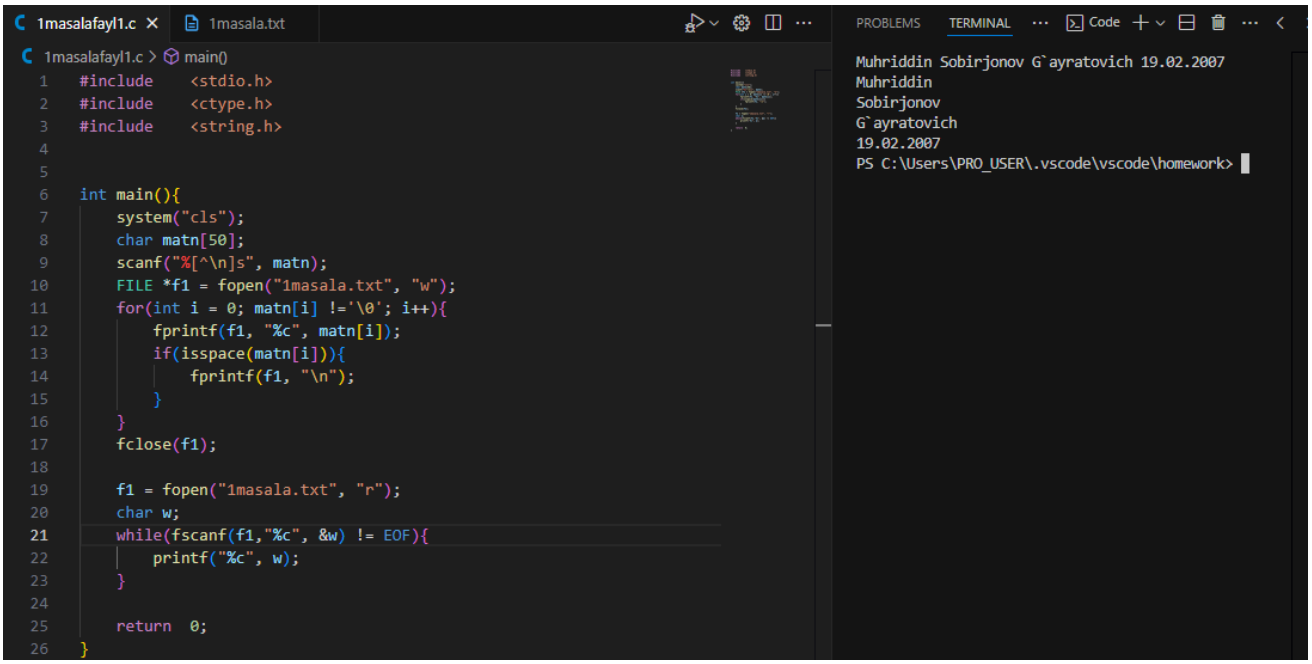
1 – masala



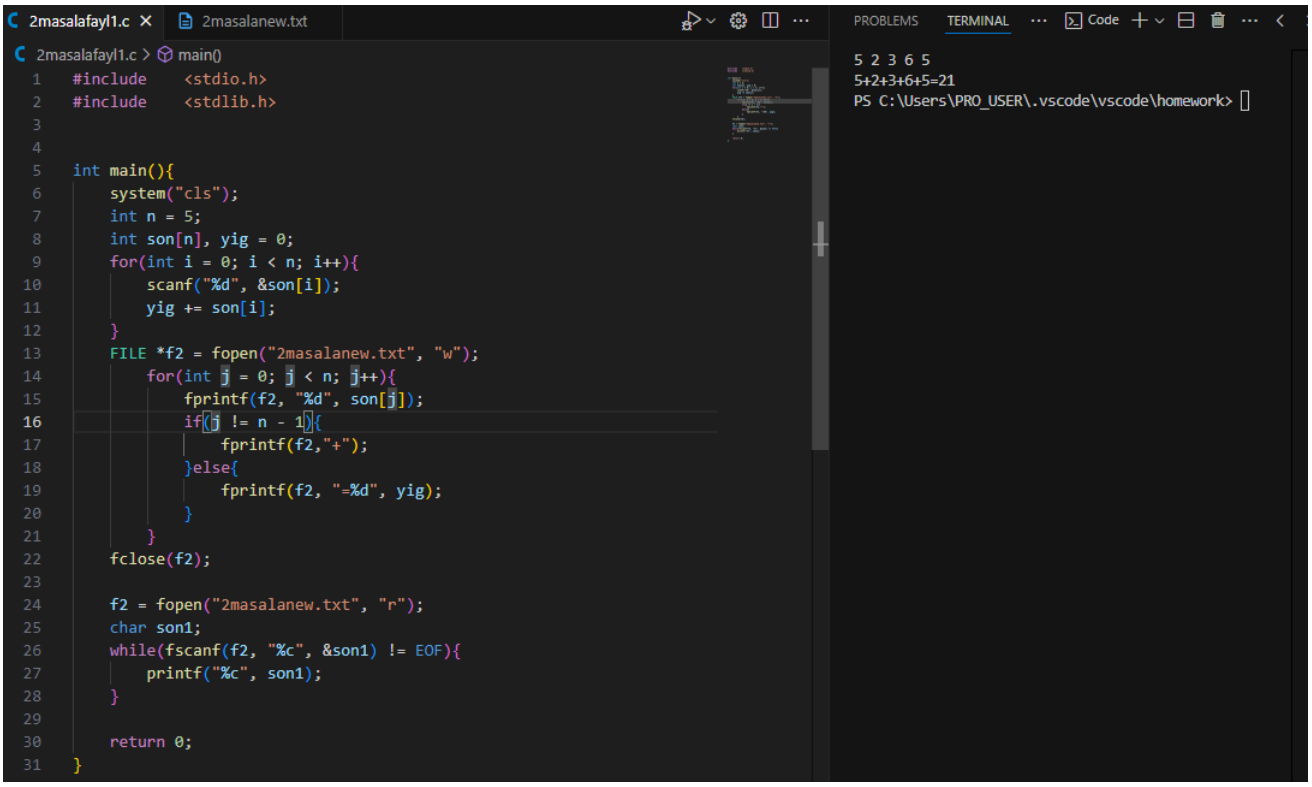
1masalafayl1.c
1masala.txt
1masalafayl1.c > main()

```c
#include    <stdio.h>
#include    <ctype.h>
#include    <string.h>


int main(){
    system("cls");
    char matn[50];
    scanf("%[^\n]s", matn);
    FILE *f1 = fopen("1masala.txt", "w");
    for(int i = 0; matn[i] !='\0'; i++){
        fprintf(f1, "%c", matn[i]);
        if(isspace(matn[i])){
            fprintf(f1, "\n");
        }
    }
    fclose(f1);

    f1 = fopen("1masala.txt", "r");
    char w;
    while(fscanf(f1,"%c", &w) != EOF){
        printf("%c", w);
    }

    return  0;
}
```

PROBLEMS TERMINAL Code

```
Muhriddin Sobirjonov G`ayratovich 19.02.2007
Muhriddin
Sobirjonov
G`ayratovich
19.02.2007
PS C:\Users\PRO_USER\.vscode\vscode\homework>
```

2 – masala



2masalafayl1.c
2masalanew.txt
2masalafayl1.c > main()

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


int main(){
    system("cls");
    int n = 5;
    int son[n], yig = 0;
    for(int i = 0; i < n; i++){
        scanf("%d", &son[i]);
        yig += son[i];
    }
    FILE *f2 = fopen("2masalanew.txt", "w");
        for(int j = 0; j < n; j++){
            fprintf(f2, "%d", son[j]);
            if(j != n - 1){
                fprintf(f2,"+");
            }else{
                fprintf(f2, "=%d", yig);
            }
        }
    fclose(f2);

    f2 = fopen("2masalanew.txt", "r");
    char son1;
    while(fscanf(f2, "%c", &son1) != EOF){
        printf("%c", son1);
    }

    return 0;
}
```

PROBLEMS TERMINAL Code

```
5 2 3 6 5
5+2+3+6+5=21
PS C:\Users\PRO_USER\.vscode\vscode\homework>
```

3 – masala

3masalafayl1.c × 3masala.txt

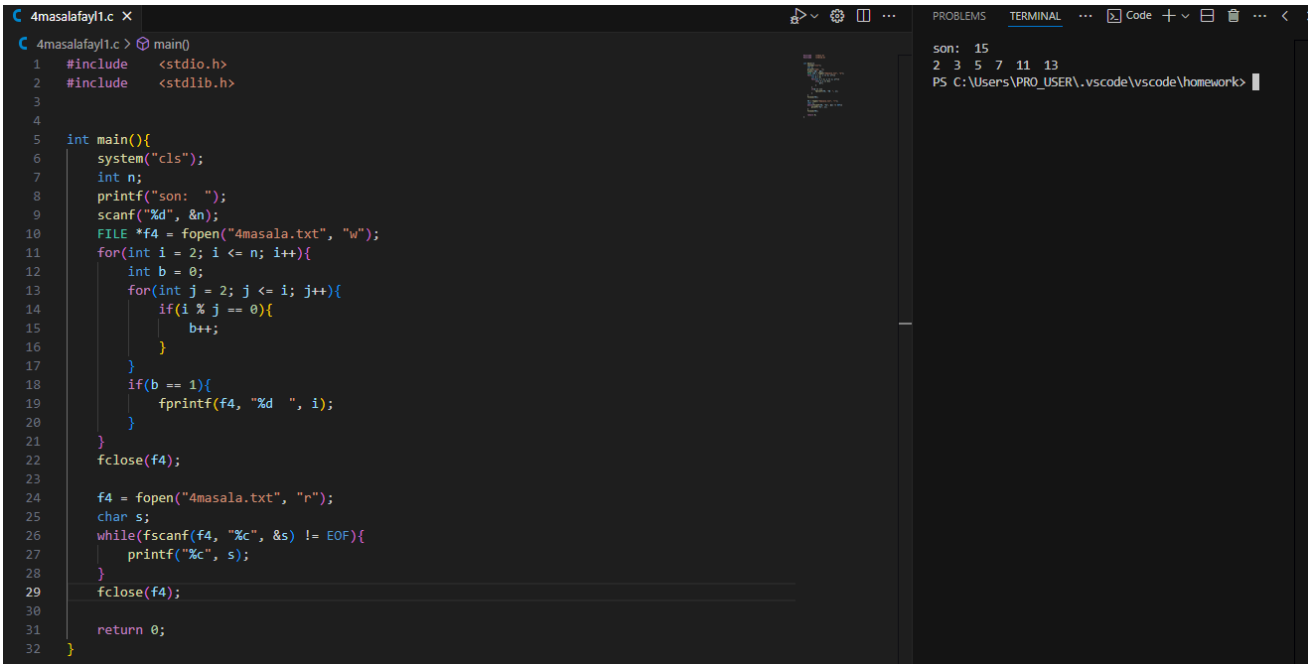
3masalafayl1.c > ...

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


int main(){
    system("cls");
    int n, yig = 0;
    printf("son kiriting:  ");
    scanf("%d", &n);
    FILE *f3 = fopen("3masala.txt", "w");
    if(n % 2 == 0){
        for(int i = n; i >= 1; i--){
            for(int j = 1; j <= i; j ++){
                fprintf(f3, "%d", i);
                yig += i;
                if(j == i){
                    fprintf(f3,"=%d\n", yig);
                    yig = 0;
                }else{
                    fprintf(f3, "+");
                }
            }
        }
    }else if(n % 2 != 0){
        for(int i = 1; i <= n; i++){
            for(int j = 1; j <= i; j++){
                fprintf(f3,"%d", i);
                yig += i;
                if(j == i){
                    fprintf(f3, "=%d\n", yig);
                    yig = 0;
                }else{
                    fprintf(f3,"+");
                }
            }
        }
    }
    fclose(f3);

    f3 = fopen("3masala.txt", "r");
    char s;
    while(fscanf(f3, "%c", &s) != EOF){
        printf("%c", s);
    }
    fclose(f3);

    return 0;
}
```

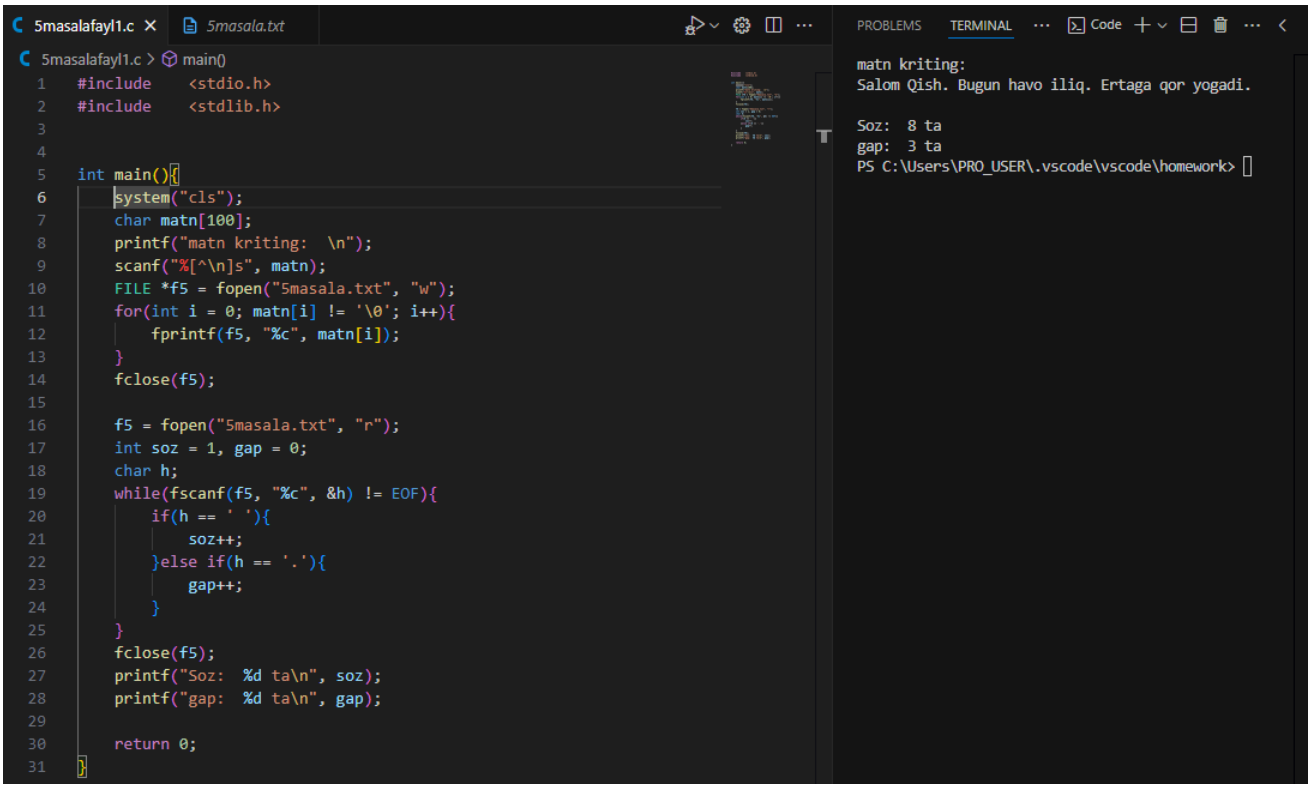
FILE *f3

```
son kiriting:  6
6+6+6+6+6+6=36
5+5+5+5+5=25
4+4+4+4=16
3+3+3=9
2+2=4
1=1
PS C:\Users\PRO_USER\.vscode\vscode\homework>
```

4 – masala



5 – masala


5masalafayl1.c
5masala.txt
5masalafayl1.c > main()
#include <stdio.h>
#include <stdlib.h>
int main(){
system("cls");
char matn[100];
printf("matn kriting: \n");
scanf("%[^\n]s", matn);
FILE *f5 = fopen("5masala.txt", "w");
for(int i = 0; matn[i] != '\0'; i++){
fprintf(f5, "%c", matn[i]);
}
fclose(f5);
f5 = fopen("5masala.txt", "r");
int soz = 1, gap = 0;
char h;
while(fscanf(f5, "%c", &h) != EOF){
if(h == ' '){
soz++;
}else if(h == '.'){
gap++;
}
}
fclose(f5);
printf("Soz: %d ta\n", soz);
printf("gap: %d ta\n", gap);
return 0;
}
PROBLEMS
TERMINAL
Code
matn kriting:
Salom Qish. Bugun havo iliq. Ertaga qor yogadi.
Soz: 8 ta
gap: 3 ta
PS C:\Users\PRO_USER\.vscode\vscode\homework>

6 – masala

6masalafayl1.c × juft.txt

6masalafayl1.c > main()

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


int main(){
    system("cls");
    int son[10];
    srand(time(0));
    for(int i = 0; i < 10; i++){
        son[i] = rand()%100 -50;
        printf("%d\t", son[i]);
    }
    int n = 0;
    int juft[n];
    int s;
    for(int i = 0; i < 10; i++){
        if(son[i] % 2 == 0){
            juft[n] = son[i];
            n++;
        }
    }
    for(int l = 0; l < n - 1; l++){
        for(int k = 0; k < n - l - 1; k++){
            if(juft[k] > juft[k + 1]){
                s = juft[k];
                juft[k] = juft[k + 1];
                juft[k + 1] = s;
            }
        }
    }
    FILE *fjuft = fopen("Juft.txt", "w");
    fprintf(fjuft,"Just sonlar:  ");
    for(int i = 0; i < n; i++){
        fprintf(fjuft, "%d\t", juft[i]);
    }
    fclose(fjuft);

    n = 0;
    int toq[n];
    for(int j = 0; j < 10; j++){
        if(son[j] % 2 != 0){
            toq[n] = son[j];
            n++;
        }
    }
    for(int l = 0; l < n - 1; l++){
        for(int k = 0; k < n - l -1; k++){
            if(toq[k] < toq[k + 1]){
                s = toq[k];
                toq[k] = toq[k + 1];
                toq[k + 1] = s;
            }
        }
    }
    FILE *ftoq = fopen("toq.txt", "w");
    fprintf(ftoq, "Toq sonlar:  ");
    for(int j = 0; j < n; j++){
        fprintf(ftoq, "%d\t", toq[j]);
    }
    fclose(ftoq);
```

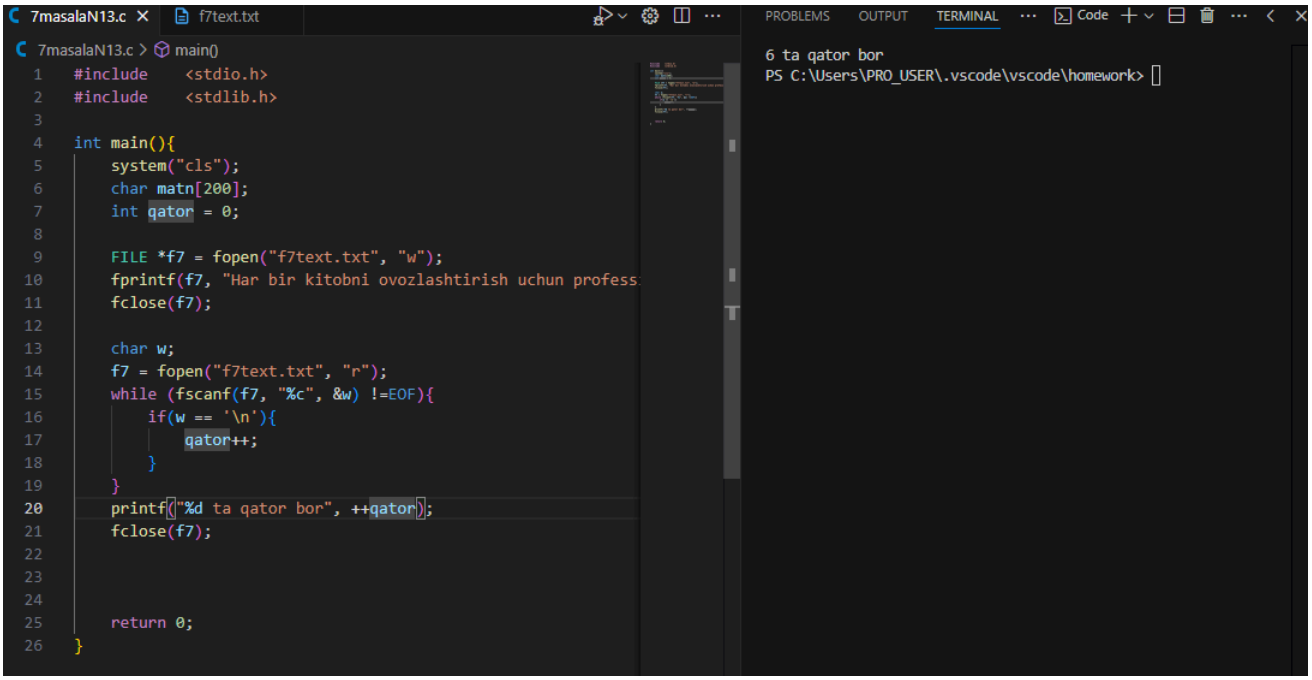
```
    n = 0;
    int musbat[n];
    for(int k = 0; k < 10; k++){
        if(son[k] > 0){
            musbat[n] = son[k];
            n++;
        }
    }
    for(int l = 0; l < n - 1; l++){
        for(int k = 0; k < n - l - 1; k++){
            if(musbat[k] < musbat[k + 1]){
                s = musbat[k];
                musbat[k] = musbat[k + 1];
                musbat[k+ 1] = s;
            }
        }
    }
    FILE *fmusbat = fopen("musbat.txt", "w");
    fprintf(fmusbat,"Musbat sonlar:  ");
    for(int i = 0; i < n; i++){
        fprintf(fmusbat, "%d\t", musbat[i]);
    }
    fclose(fmusbat);

```

```
    n = 0;
    int manfiy[n];
    for(int i = 0; i < 10; i++){
        if(son[i] < 0){
            manfiy[n] = son[i];
            n++;
        }
    }
    for(int i = 0; i < n - 1; i++ ){
        for(int j = 0; j < n - i - 1; j++){
            if(manfiy[i] > manfiy[i + 1]){
                s  = manfiy[i];
                manfiy[i] = manfiy[i + 1];
                manfiy[i + 1] = s;
            }
        }
    }
    FILE *fmanfiy = fopen("manfiy.txt", "w");
    fprintf(fmanfiy, "Manfiy sonlar:  ");
    for(int i = 0; i < n; i ++){
        fprintf(fmanfiy, "%d\t", manfiy[i]);
    }
    fclose(fmanfiy);
    puts("\n\n");
```

```
    char h;
    fjuft = fopen("Juft.txt", "r");
    while(fscanf(fjuft, "%c", &h) != EOF){
        printf("%c", h );
    }
    fclose(fjuft);
    puts("");
    ftoq = fopen("toq.txt", "r");
    while(fscanf(ftoq, "%c", &h) != EOF){
        printf("%c", h );
    }
    fclose(ftoq);
    puts("");
    fmusbat = fopen("musbat.txt", "r");
    while(fscanf(fmusbat, "%c", &h) != EOF){
        printf("%c", h );
    }
    fclose(fmusbat);
    puts("");
    fmanfiy = fopen("manfiy.txt", "r");
    while(fscanf(fmanfiy, "%c", &h) != EOF){
        printf("%c", h );
    }
    fclose(fmanfiy);

    return 0;
}
```

```
-12     34      37      21      29      -49     15   0-17
-37


Just sonlar:  -12       0       34
Toq sonlar:  37 29      21      15      -17     -37  -49
Musbat sonlar:  37      34      29      21      15
Manfiy sonlar:  -49     -17     -37     -12
PS C:\Users\PRO_USER\.vscode\vscode\homework>
```

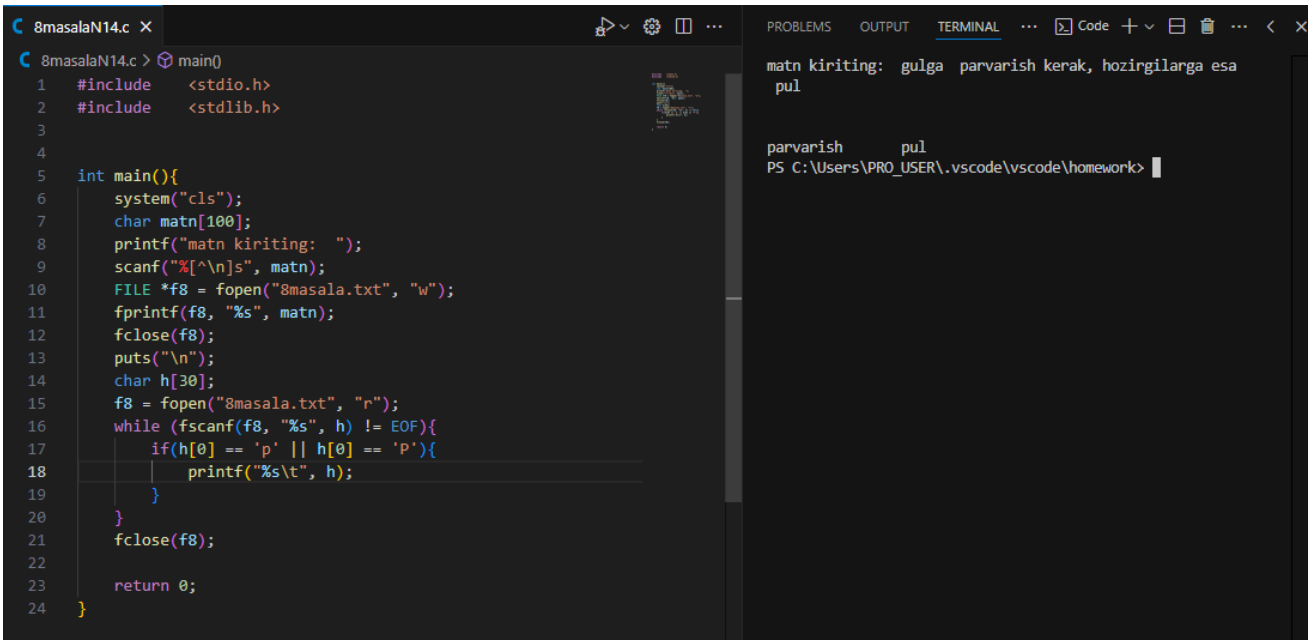
7 – masala



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

int main(){
    system("cls");
    char matn[200];
    int qator = 0;

    FILE *f7 = fopen("f7text.txt", "w");
    fprintf(f7, "Har bir kitobni ovozlashtirish uchun profess
    fclose(f7);

    char w;
    f7 = fopen("f7text.txt", "r");
    while (fscanf(f7, "%c", &w) !=EOF){
        if(w == '\n'){
            qator++;
        }
    }
    printf("%d ta qator bor", ++qator);
    fclose(f7);



    return 0;
}
```

```
6 ta qator bor
PS C:\Users\PRO_USER\.vscode\vscode\homework>
```

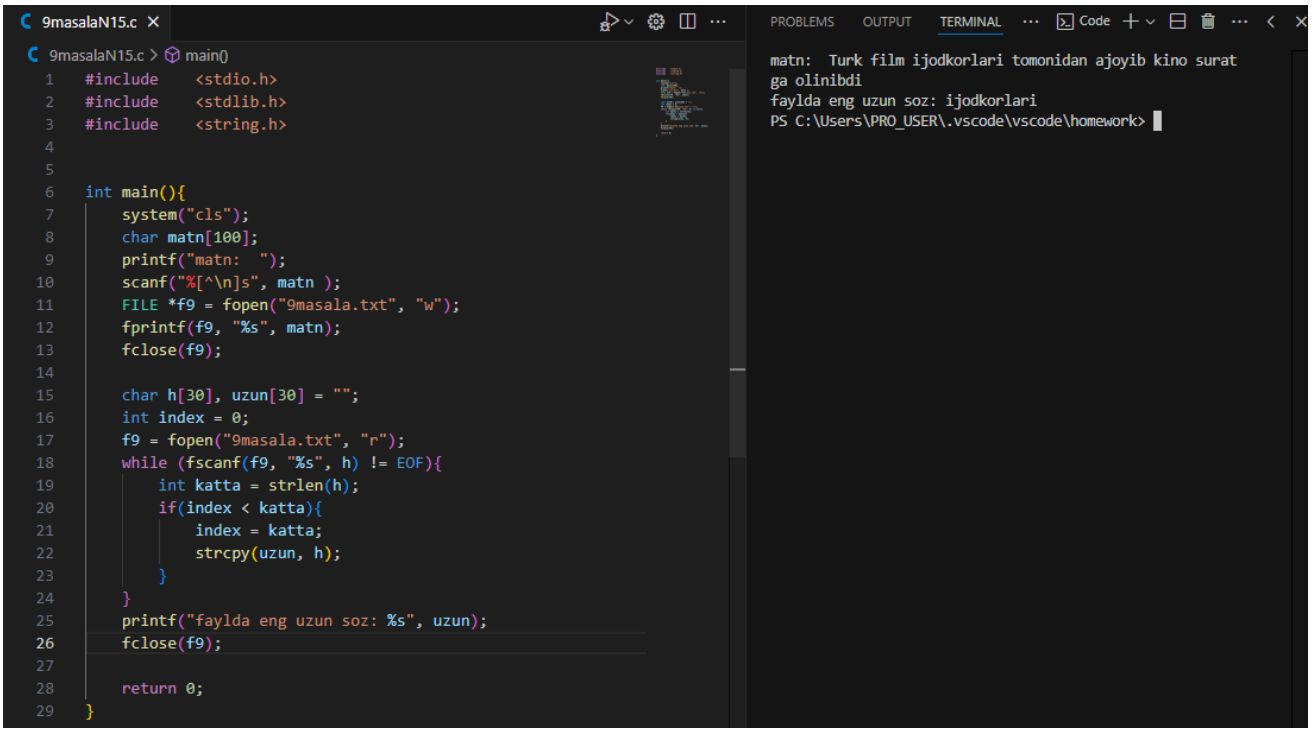
8 – masala



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


int main(){
    system("cls");
    char matn[100];
    printf("matn kiriting:  ");
    scanf("%[^\n]s", matn);
    FILE *f8 = fopen("8masala.txt", "w");
    fprintf(f8, "%s", matn);
    fclose(f8);
    puts("\n");
    char h[30];
    f8 = fopen("8masala.txt", "r");
    while (fscanf(f8, "%s", h) != EOF){
        if(h[0] == 'p' || h[0] == 'P'){
            printf("%s\t", h);
        }
    }
    fclose(f8);

    return 0;
}
```

```
matn kiriting:  gulga  parvarish kerak, hozirgilarga esa
 pul


parvarish       pul
PS C:\Users\PRO_USER\.vscode\vscode\homework>
```

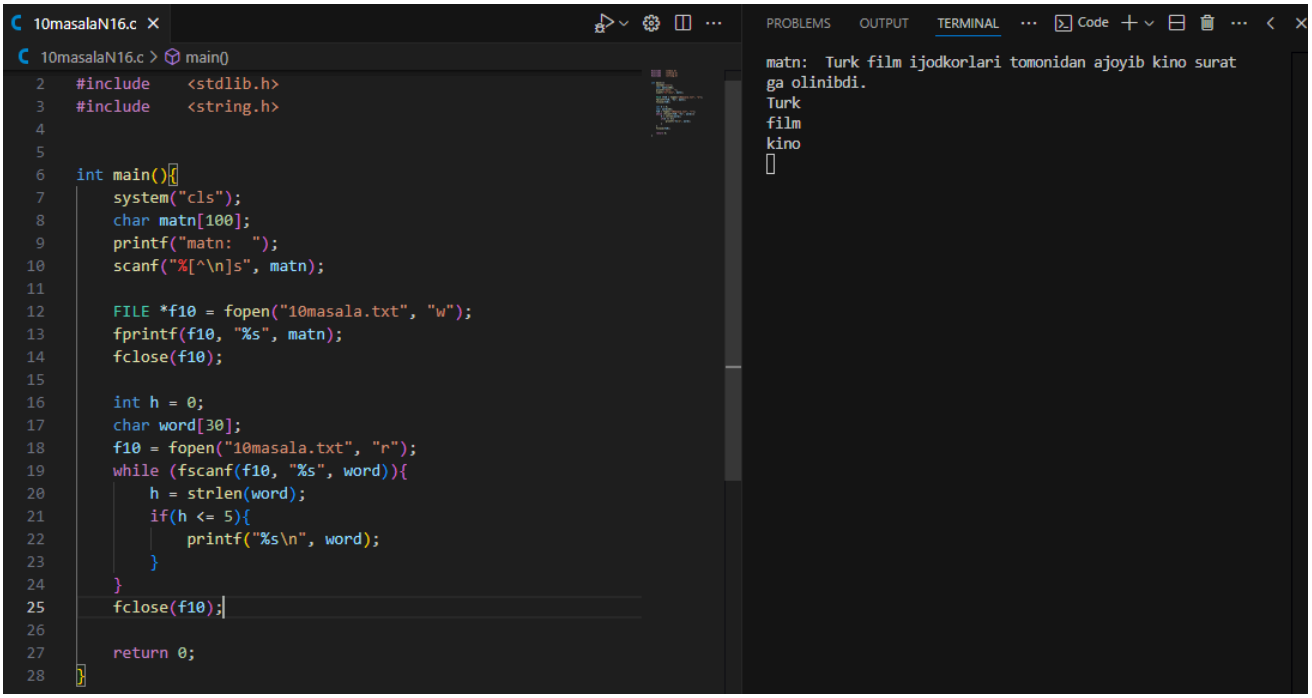
9 – masala



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


int main(){
    system("cls");
    char matn[100];
    printf("matn:  ");
    scanf("%[^\n]s", matn );
    FILE *f9 = fopen("9masala.txt", "w");
    fprintf(f9, "%s", matn);
    fclose(f9);

    char h[30], uzun[30] = "";
    int index = 0;
    f9 = fopen("9masala.txt", "r");
    while (fscanf(f9, "%s", h) != EOF){
        int katta = strlen(h);
        if(index < katta){
            index = katta;
            strcpy(uzun, h);
        }
    }
    printf("faylda eng uzun soz: %s", uzun);
    fclose(f9);

    return 0;
}
```

```
matn:  Turk film ijodkorlari tomonidan ajoyib kino surat
ga olinibdi
faylda eng uzun soz: ijodkorlari
PS C:\Users\PRO_USER\.vscode\vscode\homework>
```

10 – masala



```c
#include    <stdlib.h>
#include    <string.h>


int main(){
    system("cls");
    char matn[100];
    printf("matn:  ");
    scanf("%[^\n]s", matn);

    FILE *f10 = fopen("10masala.txt", "w");
    fprintf(f10, "%s", matn);
    fclose(f10);

    int h = 0;
    char word[30];
    f10 = fopen("10masala.txt", "r");
    while (fscanf(f10, "%s", word)){
        h = strlen(word);
        if(h <= 5){
            printf("%s\n", word);
        }
    }
    fclose(f10);

    return 0;
}
```

```
matn:  Turk film ijodkorlari tomonidan ajoyib kino surat
ga olinibdi.
Turk
film
kino
```