

1 – masala

```
1masalafayl1.c x 1masala.txt
1masalafayl1.c > main()
1 #include <stdio.h>
2 #include <ctype.h>
3 #include <string.h>
4
5
6 int main(){
7     system("cls");
8     char matn[50];
9     scanf("%[^\n]s", matn);
10    FILE *f1 = fopen("1masala.txt", "w");
11    for(int i = 0; matn[i] != '\0'; i++){
12        fprintf(f1, "%c", matn[i]);
13        if(isspace(matn[i])){
14            fprintf(f1, "\n");
15        }
16    }
17    fclose(f1);
18
19    f1 = fopen("1masala.txt", "r");
20    char w;
21    while(fscanf(f1, "%c", &w) != EOF){
22        printf("%c", w);
23    }
24
25    return 0;
26 }
```

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

2 – masala

```
2masalafayl1.c x 2masalanew.txt
2masalafayl1.c > main()
1 #include <stdio.h>
2 #include <stdlib.h>
3
4
5 int main(){
6     system("cls");
7     int n = 5;
8     int son[n], yig = 0;
9     for(int i = 0; i < n; i++){
10        scanf("%d", &son[i]);
11        yig += son[i];
12    }
13    FILE *f2 = fopen("2masalanew.txt", "w");
14    for(int j = 0; j < n; j++){
15        fprintf(f2, "%d", son[j]);
16        if(j != n - 1){
17            fprintf(f2, "+");
18        }else{
19            fprintf(f2, "=%d", yig);
20        }
21    }
22    fclose(f2);
23
24    f2 = fopen("2masalanew.txt", "r");
25    char son1;
26    while(fscanf(f2, "%c", &son1) != EOF){
27        printf("%c", son1);
28    }
29
30    return 0;
31 }
```

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

3 – masala

```
3masalafayl1.c X 3masala.txt
3masalafayl1.c > ...
1  #include <stdio.h>
2  #include <stdlib.h>
3
4
5  int main(){
6      system("cls");
7      int n, yig = 0;
8      printf("son kiriting: ");
9      scanf("%d", &n);
10     FILE *f3 = fopen("3masala.txt", "w");
11     if(n % 2 == 0){
12         for(int i = n; i >= 1; i--){
13             for(int j = 1; j <= i; j++){
14                 fprintf(f3, "%d", i);
15                 yig += i;
16                 if(j == i){
17                     fprintf(f3, "%d\n", yig);
18                     yig = 0;
19                 }else{
20                     fprintf(f3, "+");
21                 }
22             }
23         }
```

```
24     }else if(n % 2 != 0){
25         for(int i = 1; i <= n; i++){
26             for(int j = 1; j <= i; j++){
27                 fprintf(f3, "%d", i);
28                 yig += i;
29                 if(j == i){
30                     fprintf(f3, "%d\n", yig);
31                     yig = 0;
32                 }else{
33                     fprintf(f3, "+");
34                 }
35             }
36         }
37     }
38     fclose(f3);
39
40     f3 = fopen("3masala.txt", "r");
41     char s;
42     while(fscanf(f3, "%c", &s) != EOF){
43         printf("%c", s);
44     }
45     fclose(f3);
46
47     return 0;
48 }
```

```
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> █
```

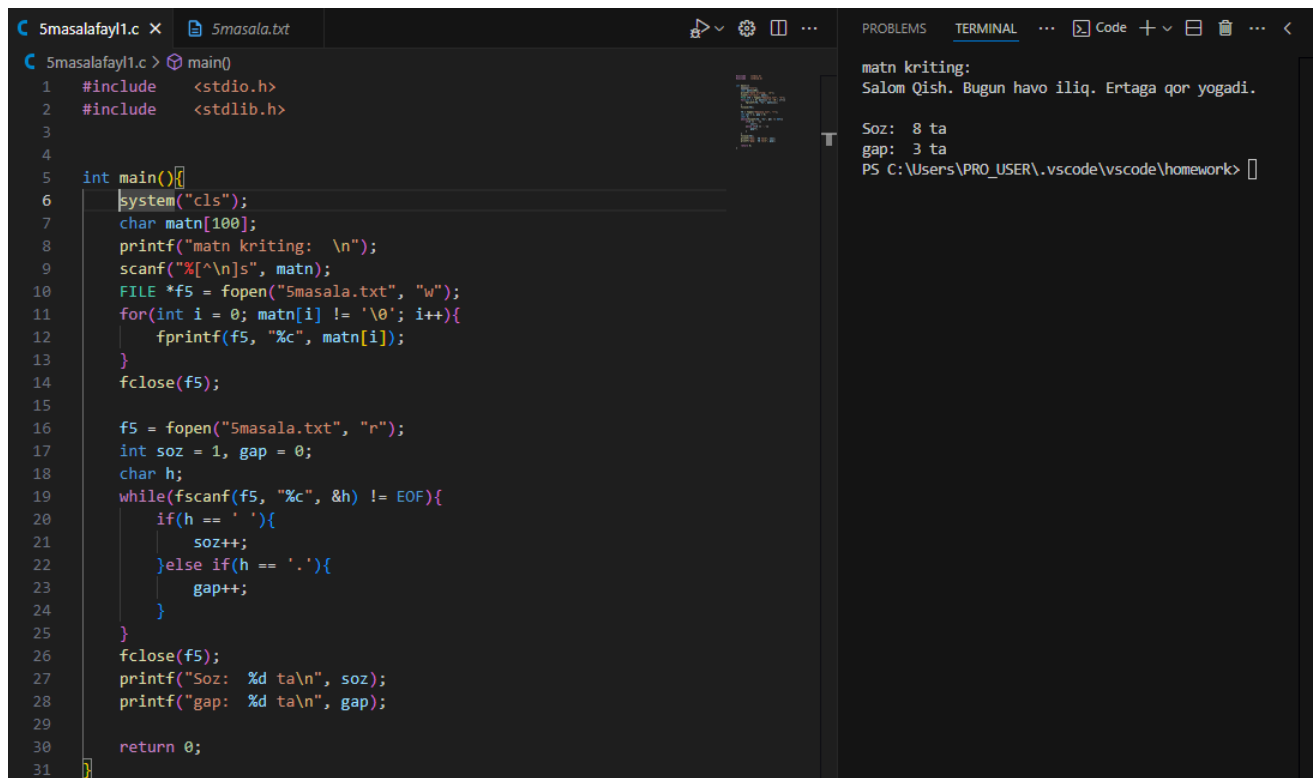
4 – masala

```
4masalafayl1.c x
1 #include <stdio.h>
2 #include <stdlib.h>
3
4
5 int main(){
6     system("cls");
7     int n;
8     printf("son: ");
9     scanf("%d", &n);
10    FILE *f4 = fopen("4masala.txt", "w");
11    for(int i = 2; i <= n; i++){
12        int b = 0;
13        for(int j = 2; j <= i; j++){
14            if(i % j == 0){
15                b++;
16            }
17        }
18        if(b == 1){
19            fprintf(f4, "%d ", i);
20        }
21    }
22    fclose(f4);
23
24    f4 = fopen("4masala.txt", "r");
25    char s;
26    while(fscanf(f4, "%c", &s) != EOF){
27        printf("%c", s);
28    }
29    fclose(f4);
30
31    return 0;
32 }
```

PROBLEMS TERMINAL ... Code + - ▢ ... <

```
son: 15
2 3 5 7 11 13
PS C:\Users\PRO_USER\.vscode\vscode\homework> █
```

5 – masala



The image shows a Visual Studio Code editor window with two tabs: `5masalafayl1.c` and `5masala.txt`. The `5masalafayl1.c` tab is active, displaying a C program. The program reads a text file `5masala.txt`, counts the number of words (`soz`) and spaces (`gap`), and prints the results. The `5masala.txt` tab is also visible, showing the text being read: `matn kriting: Salom Qish. Bugun havo iliq. Ertaga qor yogadi.`

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4
5 int main(){
6     system("cls");
7     char matn[100];
8     printf("matn kriting: \n");
9     scanf("%[^\n]s", matn);
10    FILE *f5 = fopen("5masala.txt", "w");
11    for(int i = 0; matn[i] != '\0'; i++){
12        fprintf(f5, "%c", matn[i]);
13    }
14    fclose(f5);
15
16    f5 = fopen("5masala.txt", "r");
17    int soz = 1, gap = 0;
18    char h;
19    while(fscanf(f5, "%c", &h) != EOF){
20        if(h == ' '){
21            soz++;
22        }else if(h == '.'){
23            gap++;
24        }
25    }
26    fclose(f5);
27    printf("Soz: %d ta\n", soz);
28    printf("gap: %d ta\n", gap);
29
30    return 0;
31 }
```

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 x Juft.txt
6masalafayl1.c > main()
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <time.h>
4
5
6  int main(){
7      system("cls");
8      int son[10];
9      srand(time(0));
10     for(int i = 0; i < 10; i++){
11         son[i] = rand()%100 - 50;
12         printf("%d\t", son[i]);
13     }
14     int n = 0;
15     int juft[n];
16     int s;
17     for(int i = 0; i < 10; i++){
18         if(son[i] % 2 == 0){
19             juft[n] = son[i];
20             n++;
21         }
22     }
23     for(int l = 0; l < n - 1; l++){
24         for(int k = 0; k < n - l - 1; k++){
25             if(juft[k] > juft[k + 1]){
26                 s = juft[k];
27                 juft[k] = juft[k + 1];
28                 juft[k + 1] = s;
29             }
30         }
31     }
32
33     FILE *fjuft = fopen("Juft.txt", "w");
34     fprintf(fjuft, "Juft sonlar: ");
35     for(int i = 0; i < n; i++){
36         fprintf(fjuft, "%d\t", juft[i]);
37     }
38     fclose(fjuft);
39
40     n = 0;
41     int toq[n];
42     for(int j = 0; j < 10; j++){
43         if(son[j] % 2 != 0){
44             toq[n] = son[j];
45             n++;
46         }
47     }
48     for(int l = 0; l < n - 1; l++){
49         for(int k = 0; k < n - l - 1; k++){
50             if(toq[k] < toq[k + 1]){
51                 s = toq[k];
52                 toq[k] = toq[k + 1];
53                 toq[k + 1] = s;
54             }
55         }
56     }
57     FILE *ftoq = fopen("toq.txt", "w");
58     fprintf(ftoq, "Toq sonlar: ");
59     for(int j = 0; j < n; j++){
60         fprintf(ftoq, "%d\t", toq[j]);
61     }
62     fclose(ftoq);
```

```

63     n = 0;
64     int musbat[n];
65     for(int k = 0; k < 10; k++){
66         if(son[k] > 0){
67             musbat[n] = son[k];
68             n++;
69         }
70     }
71     for(int l = 0; l < n - 1; l++){
72         for(int k = 0; k < n - l - 1; k++){
73             if(musbat[k] < musbat[k + 1]){
74                 s = musbat[k];
75                 musbat[k] = musbat[k + 1];
76                 musbat[k + 1] = s;
77             }
78         }
79     }
80     FILE *fmusbat = fopen("musbat.txt", "w");
81     fprintf(fmusbat, "Musbat sonlar: ");
82     for(int i = 0; i < n; i++){
83         fprintf(fmusbat, "%d\t", musbat[i]);
84     }
85     fclose(fmusbat);
86

```

```

87     n = 0;
88     int manfiy[n];
89     for(int i = 0; i < 10; i++){
90         if(son[i] < 0){
91             manfiy[n] = son[i];
92             n++;
93         }
94     }
95     for(int i = 0; i < n - 1; i++){
96         for(int j = 0; j < n - i - 1; j++){
97             if(manfiy[i] > manfiy[i + 1]){
98                 s = manfiy[i];
99                 manfiy[i] = manfiy[i + 1];
100                 manfiy[i + 1] = s;
101             }
102         }
103     }
104     FILE *fmanfiy = fopen("manfiy.txt", "w");
105     fprintf(fmanfiy, "Manfiy sonlar: ");
106     for(int i = 0; i < n; i++){
107         fprintf(fmanfiy, "%d\t", manfiy[i]);
108     }
109     fclose(fmanfiy);
110     puts("\n\n");

```

```

111 char h;
112 fjuft = fopen("Juft.txt", "r");
113 while(fscanf(fjuft, "%c", &h) != EOF){
114     printf("%c", h );
115 }
116 fclose(fjuft);
117 puts("");
118 ftoq = fopen("toq.txt", "r");
119 while(fscanf(ftoq, "%c", &h) != EOF){
120     printf("%c", h );
121 }
122 fclose(ftoq);
123 puts("");
124 fmusbat = fopen("musbat.txt", "r");
125 while(fscanf(fmusbat, "%c", &h) != EOF){
126     printf("%c", h );
127 }
128 fclose(fmusbat);
129 puts("");
130 fmanfiy = fopen("manfiy.txt", "r");
131 while(fscanf(fmanfiy, "%c", &h) != EOF){
132     printf("%c", h );
133 }
134 fclose(fmanfiy);
135
136 return 0;
137 }

```

```

-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
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```

7 – masala

```
7masalaN13.c X f7text.txt
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main(){
5     system("cls");
6     char matn[200];
7     int qator = 0;
8
9     FILE *f7 = fopen("f7text.txt", "w");
10    fprintf(f7, "Har bir kitobni ovozlashtirish uchun profess
11    fclose(f7);
12
13    char w;
14    f7 = fopen("f7text.txt", "r");
15    while (fscanf(f7, "%c", &w) != EOF){
16        if(w == '\n'){
17            qator++;
18        }
19    }
20    printf("%d ta qator bor", ++qator);
21    fclose(f7);
22
23
24
25    return 0;
26 }
```

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

8 – masala

```
8masalaN14.c X
1 #include <stdio.h>
2 #include <stdlib.h>
3
4
5 int main(){
6     system("cls");
7     char matn[100];
8     printf("matn kiriting: ");
9     scanf("%[^\n]s", matn);
10    FILE *f8 = fopen("8masala.txt", "w");
11    fprintf(f8, "%s", matn);
12    fclose(f8);
13    puts("\n");
14    char h[30];
15    f8 = fopen("8masala.txt", "r");
16    while (fscanf(f8, "%s", h) != EOF){
17        if(h[0] == 'p' || h[0] == 'P'){
18            printf("%s\t", h);
19        }
20    }
21    fclose(f8);
22
23    return 0;
24 }
```

matn kiriting: gulga parvarish kerak, hozirgilarga esa
pul

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

9 – masala

```
9masalaN15.c X
9masalaN15.c > main()
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <string.h>
4
5
6 int main(){
7     system("cls");
8     char matn[100];
9     printf("matn: ");
10    scanf("%[^\n]s", matn);
11    FILE *f9 = fopen("9masala.txt", "w");
12    fprintf(f9, "%s", matn);
13    fclose(f9);
14
15    char h[30], uzun[30] = "";
16    int index = 0;
17    f9 = fopen("9masala.txt", "r");
18    while (fscanf(f9, "%s", h) != EOF){
19        int katta = strlen(h);
20        if(index < katta){
21            index = katta;
22            strcpy(uzun, h);
23        }
24    }
25    printf("faylda eng uzun soz: %s", uzun);
26    fclose(f9);
27
28    return 0;
29 }
```

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

```
10masalaN16.c X
10masalaN16.c > main()
2 #include <stdlib.h>
3 #include <string.h>
4
5
6 int main(){
7     system("cls");
8     char matn[100];
9     printf("matn: ");
10    scanf("%[^\n]s", matn);
11
12    FILE *f10 = fopen("10masala.txt", "w");
13    fprintf(f10, "%s", matn);
14    fclose(f10);
15
16    int h = 0;
17    char word[30];
18    f10 = fopen("10masala.txt", "r");
19    while (fscanf(f10, "%s", word)){
20        h = strlen(word);
21        if(h <= 5){
22            printf("%s\n", word);
23        }
24    }
25    fclose(f10);
26
27    return 0;
28 }
```

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