

1 – masala

```
1masala.c X
1masala.c > main()
1  #include    <stdio.h>
2  #include    <stdlib.h>
3  #include    <ctype.h>
4  #include    <string.h>
5
6
7  int main(){
8      system("cls");
9      char matn[100];
10     printf("Matn kriting: ");
11     fgets(matn, 100, stdin);
12     FILE *f1 = fopen ("1masala.txt", "w");
13     fprintf(f1, "%s", matn);
14     fclose(f1);
15
16     f1 = fopen("1masala.txt", "r");
17     char soz[20], s;
18     int n = 0;
19     while (fscanf(f1, "%c", &s)){
20         if (isalpha(s)){
21             n++;
22         }else if(isspace(s)){
23             if(n == 3){
24                 n++;
25                 fseek(f1, -n, SEEK_CUR);
26                 fscanf(f1, "%s", soz);
27                 printf("%s\n", soz);
28             }
29             n = 0;
30         }else if(ispunct(s)){
31             if(n == 3){
32                 n++;
33                 fseek(f1, -n, SEEK_CUR);
34                 while (fscanf(f1, "%c", &s)){
35                     if(isalpha(s)){
36                         printf("%c", s);
37                     }else{
38                         exit(1);
39                         puts("");
40                     }
41                 }
42             }
43         }
44     }
45 }
46 ⚡ fclose(f1);
47
48     return 0;
49 }
```

```
Matn kriting: Hello World. How are you?
How
are
you
PS C:\Users\PRO_USER\.vscode\vscode\homework>
```

2 – masala

```
2masala.c X
2masala.c > main()
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <ctype.h>
4  #include <string.h>
5
6
7  int main(){
8      system("cls");
9      char matn[100];
10     printf("matn kriting: ");
11     fgets(matn, 100, stdin);
12
13     FILE *f2 = fopen("2masala.txt", "w");
14     fprintf(f2, "%s", matn);
15     fclose(f2);
16
17     f2 = fopen("2masala.txt", "r");
18     char s; int n = 0;
```

```
19     while (fscanf(f2, "%c", &s) != EOF){
20         if (isalpha(s)){
21             n++;
22         }else{
23             if (n >= 4 ){
24                 n ++;
25                 fseek(f2, -n, SEEK_CUR);
26                 while (fscanf(f2, "%c", &s) != EOF){
27                     if (isalpha(s)){
28                         printf("%c", s);
29                     }else{
30                         puts("");
31                         break;
32                     }
33                 }
34             }
35             n = 0;
36         }
37     }
38     fclose(f2);
39
40     return 0;
41 }
```

```
matn kiriting: Hello World. How are you?
Hello
World
PS C:\Users\PRO_USER\.vscode\vscode\homework> 
```

3 – masala

```
3masala.c X
3masala.c > main()
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <ctype.h>
4  #include <string.h>
5
6
7  int main(){
8      system("cls");
9      char matn[100];
10     printf("matn: ");
11     fgets(matn, 100, stdin);
12
13     FILE *f3 = fopen("3masala.BIN", "wb");
14     fwrite(matn, sizeof(char), strlen(matn), f3);
15     fclose(f3);
16
```

```
17     f3 = fopen("3masala.BIN", "rb");
18     char s; int n = 0;
19     while (fread(&s, sizeof(char), 1, f3)){
20         if (isalpha(s)){
21             n++;
22         }else{
23             if (n <= 5 && n > 0){
24                 n++;
25                 fseek(f3, -n, SEEK_CUR);
26                 while (fread(&s, sizeof(char), 1, f3)){
27                     if (isalpha(s)){
28                         printf("%c", s);
29                     }else{
30                         puts("");
31                         break;
32                     }
33                 }
34             }
35             n = 0;
36         }
37     }
38     fclose(f3);
39
40     return 0;
41 }
```

```
matn:   salom bolalar. Tuzumi? Nima gap?
salom
Nima
gap
PS C:\Users\PRO_USER\.vscode\vscode\homework> |
```

4 – masala

```
4masala.c X
4masala.c > main()
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <ctype.h>
4  #include <string.h>
5
6
7  int main(){
8      system("cls");
9      char matn[100];
10     printf("matn kiriting:  ");
11     fgets(matn, 100, stdin);
12
13     FILE *f4 = fopen("4masala.BIN", "wb");
14     fwrite(matn, sizeof(char), strlen(matn), f4);
15     fclose(f4);
16
17     f4 = fopen("4masala.BIN", "rb");
18     char s; int n = 0, i = 0;
19     while (fread(&s, sizeof(char), 1, f4)){
20         if (isalnum(s) || s == '-' || s == '_'){
21             n++;
22             if (isdigit(s)){
23                 i++;
24             }
25         }
26     }
```

```

27     if (isspace(s)){
28         if (n > 0 && i > 0){
29             n++;
30             fseek(f4, -n, SEEK_CUR);
31             while (fread(&s, sizeof(char), 1, f4)){
32                 if (!isspace(s)){
33                     printf("%c", s);
34                 }else{
35                     n = 0;
36                     i = 0;
37                     puts("");
38                     break;
39                 }
40             }
41         }else{
42             n = 0;
43             i = 0;
44         }
45     }
46 }
47 fclose(f4);
48
49 return 0;
50 }

```

```

matn kiriting:    salom foundationxn1 guruhi 1-orinda
foundationxn1
1-orinda
PS C:\Users\PRO_USER\.vscode\vscode\homework> S

```