

```
Info.txt
Hai How are you?,....!!!!
```

```
flexPrograms — -zsh — 80x24
Last login: Fri Mar 8 12:19:34 on console
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % lex program1.l
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % cc lex.yy.c -ll
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % ./a.out
Characters = 22
Words = 3
Spaces = 3
Lines= 0
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms %
```

```
flexPrograms — -zsh — 80x24
Last login: Mon Mar 11 22:15:19 on ttys000
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % lex program1b.l
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % cc lex.yy.c -ll
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % ./a.out
Enter the values:
a_b
112h
h34n
_h7var
Number of identifiers = 4
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms %
```

```
f1.txt
/* This is a multi-line comment */
#include <stdio.h>

// This is a single-line comment
int main() {
    printf("Hello, World!\n");
    return 0;
}
```

```
f2.txt
/* This is a multi-line comment */
#include <stdio.h>

int main() {
    printf("Hello, World!\n");
    return 0;
}
```

```
flexPrograms — -zsh — 80x24
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % lex program2.1
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % cc lex.yy.c -ll
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % ./a.out
no of single line comments=1
no of multi line comments=0
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms %
```

```
flexPrograms — -zsh — 80x24
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % lex program2b.1
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % cc lex.yy.c -ll
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % ./a.out
enter the text
I like Doraemon, and Seetha likes oggy and the cockroaches.

^D
The given statement is compound
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % ./a.out
enter the text
This is simple cartoons
^D
The given statement is simple
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms %
```

```
ln.txt — Edited
1
2
-64
-8
8.73
3.92
-8.38
```

```
[(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % lex program3.1  
[(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % cc lex.yy.c -ll  
[(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % ./a.out  
Usage: ./a.out in.txt  
[(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % ./a.out in.txt
```

```
Number of positive integers: 2  
Number of negative integers: 2  
Number of positive fractions: 2  
Number of negative fractions: 1  
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms %
```

```
f1.c x + ▼  
1  #include <stdio.h>  
2  
3  int main() {  
4      int a, b, c;  
5  
6      printf("Enter the first number: ");  
7      scanf("%d", &a);  
8  
9      printf("Enter the second number: ");  
10     scanf("%d", &b);  
11  
12     c = a + b;  
13  
14     printf("The sum of %d and %d is %d\n", a, b, c);  
15  
16     return 0;  
17 }  
18
```

```
flexPrograms — -zsh — 80x24

Last login: Mon Mar 11 22:17:38 on ttys000
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % lex program3b.l
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % cc lex.yy.c -ll
ld: warning: object file (/Library/Developer/CommandLineTools/SDKs/MacOSX14.2.sdk/usr/lib/libl.a[arm64][3](libyywrap.o)) was built for newer 'macOS' version (14.2) than being linked (14.0)
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms % ./a.out
no of scanf =2
no of printf =3
(base) shreeramads@Shreeramas-MacBook-Air flexPrograms %
```

```
f2.c UNREGISTERED

1  #include <stdio.h>
2
3  int main() {
4      int a, b, c;
5
6      printf("Enter the first number: ");
7      scanf("%d", &a);
8
9      printf("Enter the second number: ");
10     scanf("%d", &b);
11
12     c = a + b;
13
14     printf("The sum of %d and %d is %d\n", a, b, c);
15
16     return 0;
17 }
18
```