

```
shadowfrost@pop-os:~/Compiler Design$ lex assignment1.l
shadowfrost@pop-os:~/Compiler Design$ gcc lex.yy.c
shadowfrost@pop-os:~/Compiler Design$ ./a.out
6
Input is an integer
6.6
Input is a float
b
Input is an alphabet
```

```
shadowfrost@pop-os:~/Compiler Design$ lex assignment2.l
shadowfrost@pop-os:~/Compiler Design$ gcc lex.yy.c
shadowfrost@pop-os:~/Compiler Design$ ./a.out
Enter a number: 45
Factor: 1
Factor: 3
Factor: 5
Factor: 9
Factor: 15
Factor: 45
```

```
shadowfrost@pop-os:~/Compiler Design$ lex assignment3.l
shadowfrost@pop-os:~/Compiler Design$ gcc lex.yy.c
shadowfrost@pop-os:~/Compiler Design$ ./a.out
```

Enter a number: 6

factor: 1

factor: 2

factor: 3

This is a perfect number