

```
shadowfrost@pop-os:~/Compiler Design$ lex assignment8.l
shadowfrost@pop-os:~/Compiler Design$ gcc lex.yy.c
shadowfrost@pop-os:~/Compiler Design$ ./a.out
Enter the expression: +
Arithmetic operator.
-
Arithmetic operator.
&&
Logical operator.
<=
Relational operator.
++
Increment operator.
```

```
shadowfrost@pop-os:~/Compiler Design$ lex assignment9.l
shadowfrost@pop-os:~/Compiler Design$ gcc lex.yy.c
shadowfrost@pop-os:~/Compiler Design$ ./a.out
Enter a string: Hello This is a string
               This is just      an empty line

Number of lines: 2
Number of words: 11
Number of characters: 59
Number of spaces: 18
```