```
shadowfrost@pop-os:~/Compiler Design$ lex assignment6.l
shadowfrost@pop-os:~/Compiler Design$ gcc lex.yy.c
shadowfrost@pop-os:~/Compiler Design$ ./a.out
Enter a number: 123456
Sum of digits is 21
3456
Sum of digits is 18
```

```
shadowfrost@pop-os:~/Compiler Design$ lex assignment7.l
shadowfrost@pop-os:~/Compiler Design$ gcc lex.yy.c
shadowfrost@pop-os:~/Compiler Design$ ./a.out
Enter a decimal number: 123
The binary number is 1111011
121
The binary number is 1111001
12
The binary number is 1100
```