Lab Practice Session # 1

Course Title: Compiler Construction Lab (CSTE-4106)

1. Write a C program to identify whether a given line is a comment or not.

Sample Input/Output
Enter comment: //cste
It is a comment
Enter comment: hello
It is not a comment
Enter comment: /* cste */
It is a comment

2. Write a C program to test whether a given identifier is valid or not.

Sample Input/Output
Enter an identifier: cste13
Valid identifier
Enter an identifier:13cste
Not a valid identifier

3. Write a C program to simulate lexical analyzer for validating operators.

Sample Input/Output
Enter any operator: >=
Greater than and equal to

4. Write a C program to recognize strings under 'a', 'a*b+', 'abb'.

Sample Input/Output
Enter a String: aaabbbbb
aaabbbbb is accepted under rule 'a*b+'
Enter a string: efgh
efgh is not recognized