Expt. No. 6. Date

Page No.

7/11/21 Cycle 2 : Experiment 2.

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Aim:

Write a lex program to recognise all strings which does not contain first four characters of your name as as a substring.

Algorithm:

Step 1 : Start

Step 2 : Store input strings as an input text file

Step 3 : In text file, check for regular expression. .*Mala.* If encountered do not print the string in output file, else go to step 4.

Step 4 : For strings which do not have mala as substring, print the string to the o/p file.

Step 5 : Call yywrap() for processing all strings in i/p file.

Step 6 : Open input file in read mode.

Step 7 : Output strings that satisfy conditions to output file.

Step 8 : Call yylex() so that at EOF(), 0 is returned.

Step 9 : Stop.

Result:

The program was executed successfully.

Teacher's Signature

Cycle 2

Malavika R Vikraman

CS7B – Roll No :31

Question 2

Write a lex program to recognize all strings which does not contain first four characters of your name as a substring.

Input:

Pg2 > With Regex > input.txt

```
abcdMalaabcd
abcdewffa
Malaasdaw
asfafdMala
wefaaffwfea
```

Output :

```
C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg2\With Regex>flex pg1.l

C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg2\With Regex>gcc lex.yy.c

C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg2\With Regex>a

C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg2\With Regex>type output.txt
abcdMalaabcd
abcdewffa
Malaasdaw
asfafdMala
wefaaffwfea
```