

Experiment 2.2

AIM

To write a lex program to recognize all strings which do not contain the first four characters of our name as a substring.

ALGORITHM

1. Start
2. Create a lex file with following lexical rules:
 1. Define regex name as `.*[pP][rR][aA][dD].*` to recognize strings containing the first four letters of my name as a substring
 2. If input matches the above substring, print "Invalid"
 3. Otherwise, if input matches the string "exit", terminate the program
 4. Otherwise, print "Valid"
 5. Define main function in suer code section to call yylex()
3. Use lex command to generate C program
4. Run the C program
5. Stop

RESULT

Successfully compiled and ran the lex program.