

ASSIGNMENT - 3

1. A story writer wishes to recheck his story. In order to recheck he needs to find all those words which are followed by '?' and '!'. Write a lex program that can solve his problem.
2. Write a lex program to design a DFA over input {0, 1}, which accept odd no. of 0s or even no. of 1s but not both together.
3. Write a lex program to design a DFA over input {a, b}, which accepts all the words containing odd number of 'b'.
4. Given a text file, write a lex program to search an input word in the file. If the word is present then count the total number of its occurrences, and replace every odd occurrence of the word with your roll number.