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Roll No: CH.EN.U4CSE22078

Experiment No: 3

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Aim: To implement LL (1) parsing using C program.

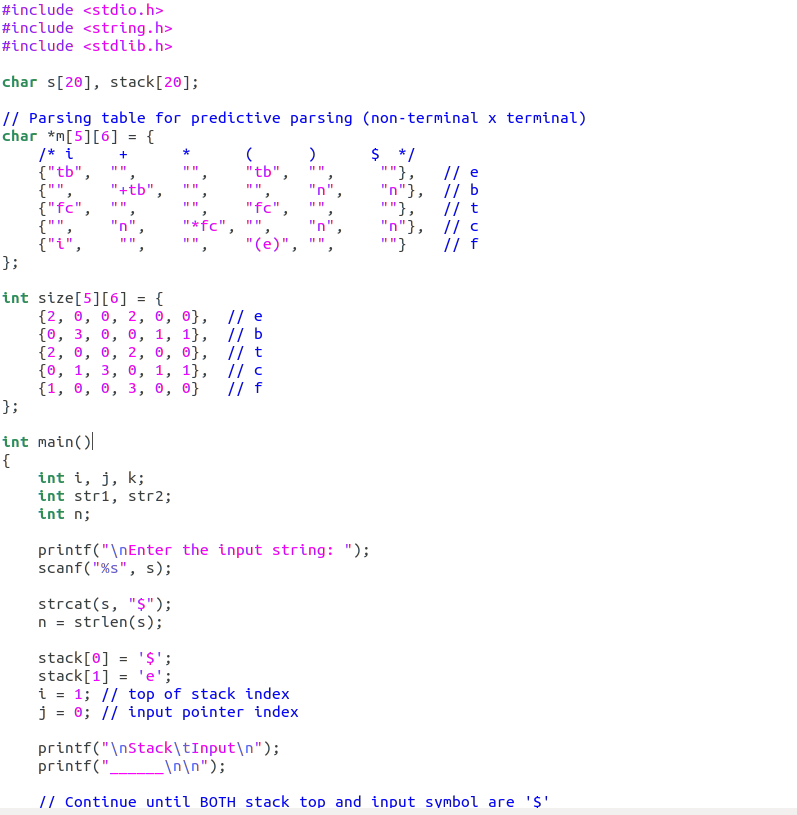
Algorithm:

1. Read the input string.

2. Using predictive parsing table parse the given input using stack.

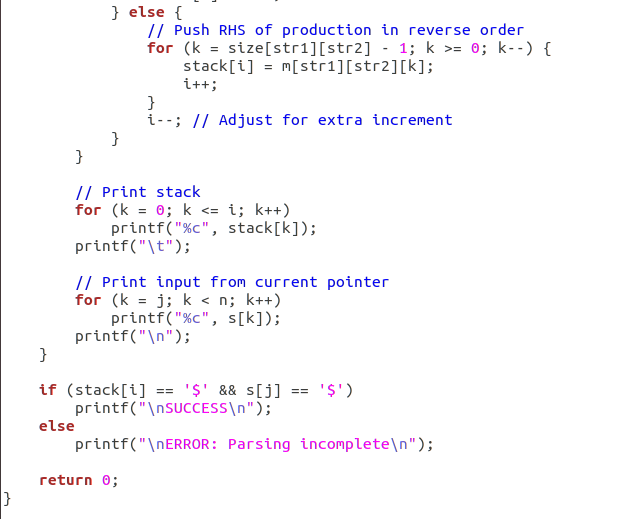
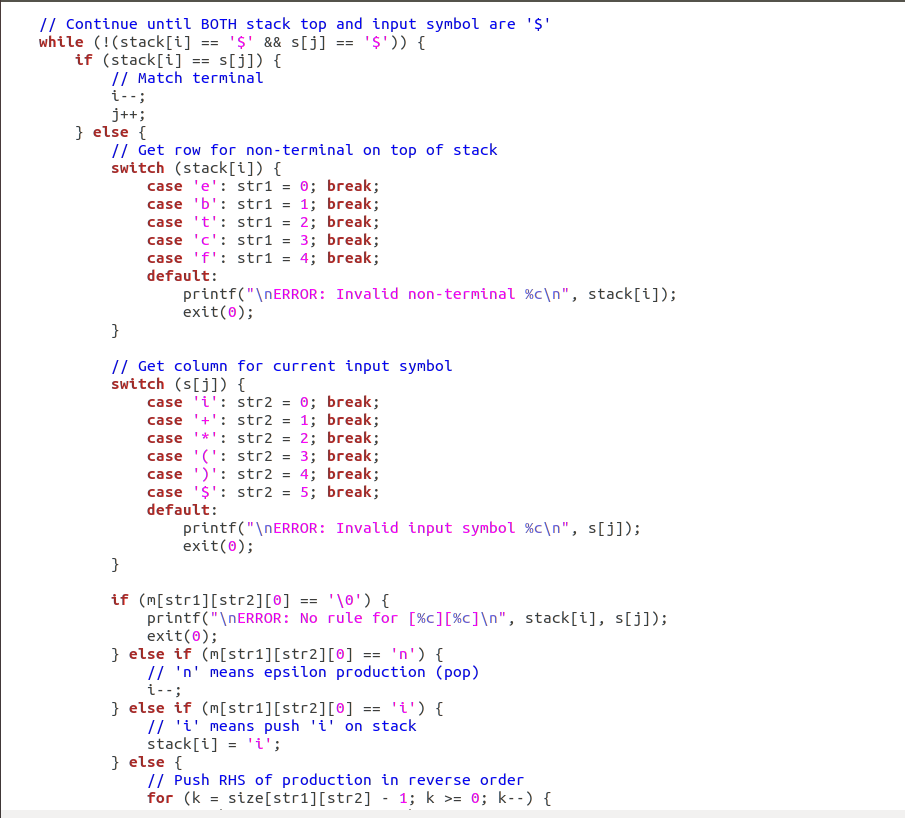
3. If stack [i] matches with token input string pop the token else shift it repeat the process until it reaches to $.

Code:



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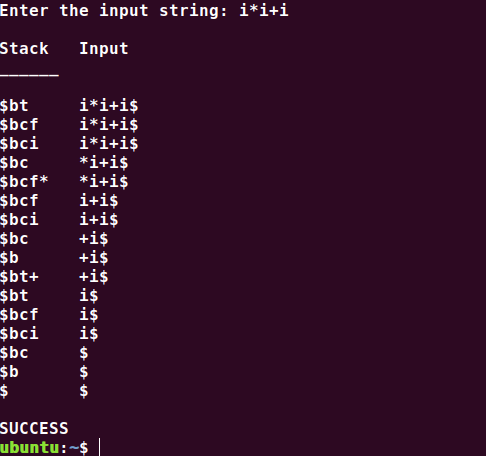


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Output:





Results: The program to implement left factoring and left recursion has been successfully executed.