

DSA Lab 4

Task 1:

Implement a stack in C++ using Linked lists. Your implementation must have Push, Pop and Top functions.

Task 2:

Write a program in C++ to verify if the brackets are balanced. Your program must handle following brackets:

- Curly brackets {}
- Square brackets []
- Parenthesis ()

Example 1:

Input: void main(){}
Output: Expression has balanced brackets

Example 2:

Input: void main(){
Output: Expression has imbalanced brackets