NAME OF STUDENT:	CLASS:
SEMESTER/YEAR:	ROLL NO:
DATE OF PERFORMANCE:	DATE OF SUBMISSION:
EXAMINED BY:	EXPERIMENT NO: DSL D-26

TITLE :PERFORM VARIOUS OPERATION ON STACK TO CHECK WELL PARENTHESIZED EXPRESSION

PROBLEM STATEMENT : In any language program mostly syntax error occurs due to unbalancing delimiter such as (),{},[]. Write C++ program using stack to check whether given expression is well parenthesized or not.

OBJECTIVES :
1. To understand structure of stack.
2. To understand How to Create, Display and perform various operation on stack.

OUTCOME :
1. To use effective and efficient data structure in solving Computer Engineering domain problem.
2. To analyze the problem to apply suitable algorithm and data structure.
3. To discriminate the usage of various structure in approaching problem solution.

PRE-REQUISITES :
1. Knowledge of C++ Programming
2. Knowledge of stack.

APPARATUS :
1. OS: Ubuntu 18.04.2 LTS
2. Processor: Intel® Core™ i7-4790S CPU
3. Graphics: GeForce GT 610/PCIe/SSE2
4. Storage: 400 GB
5. Text Editor: gedit
6. Compiler: GNU C++ Compiler (g++)
7. Terminal

QUESTIONS :
1. Explain the types of stack.
2. Write down the application of stack.