NAME OF STUDENT: Sandesh Santosh Pabitwar	CLASS: Comp A
SEMESTER/YEAR: sem III	ROLL NO: F20111040
DATE OF PERFORMANCE:	DATE OF SUBMISSION:
EXAMINED BY: Dr. Archana Kale	EXPERIMENT NO: DSL D-27

TITLE : PERFORM VARIOUS OPERATION ON STACK AND IMPLEMENT ITS APPLICATION.

PROBLEM STATEMENT : Implement C++ program for expression conversion as infix to postfix and its evaluation using stack based on given conditions

i. Operands and operator, both must be single character.

ii. Input Postfix expression must be in a desired format.

iii. Only '+', '-', '*' and '/ ' operators are expected.

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

OUTCOME :
1. To operate on the various structured data.
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 :

QUESTIONS :
1. Evaluate the following postfix expression and show all steps: ab*c+d-e+
2. Write an algorithm to prefix to postfix.