EXPERIMENT 1

Demonstrate the use of stack operations. Tabulate the output for various inputs and verify against expected values. Analyze the efficiency of the algorithm. Describe your learning along with the limitations of overall approach if any. Suggest how these can be overcome in conclusion. Write a C program to illustrate push, pop and print operation in stack. Modify the program to create a stack of strings. Your report should include:

1. Introduction and Purpose of Experiment
2. Aim and Objectives
3. Design an algorithm for the given problem statement and develop a flowchart/pseudo-code
4. Implement C program
5. Presentation of Results
6. Conclusion