EXPERIMENT 1

Demonstrate the use of data types, local variables and Random function. 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 random number generation. Modify the program to generate a random number between lower to upper limit. 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