Shri G. S. Institute of Technology and Science
Department of Computer Engineering
CO 10504: Introduction to Computer Programming
(Section F)
Lab Assignment No. #00 (F1)

Learning Objectives:
•To describe the working principle of basic computer and its components.
•To describe how to prepare the algorithm and flowcharts.
•To describe the purpose of C programming and how to compile, edit, debug and execute the C program.
•To describe the syntax and structure of basic C programming.

Questions:
1. Write a C program to print your name, date of birth. and mobile number.

   Expected Output:
   Name   : Amit xyz
   DOB   : July 14, 1975
   Mobile: 99-9999999999

   2. Write c program to print name, address, age and height in feet (a float value should be entered), print all values in new lines.

   3. Write a C program to convert a integer to a double.

   4. Write a program to swap two number by using third/temporary variable.

   5. Write a program to find ASCII value of a character and also display the size of operator like int, char, float.

   6. Write a C program to convert specified days into years, weeks and days.
      Note: Ignore leap year.
      Days like – 1341

   7. Write a program to compute quotient and remainder of a number.

   8. Write a program to calculate simple interest and compound interest.

Learning Outcome:

•Successfully learned the working principle of basic computer and its components.
•Successfully prepared the algorithm and designed the flowcharts.
•Learned how to compile, edit, debug and execute the C program.
•Leaned the syntax and structure of basic C programming.