



ABES Engineering College, Ghaziabad
Department of Computer Science and Engineering (AI&ML) B.Tech.
SEM-II Session: 2023-24 Programming for Problem Solving (BCS 201)
Assignment-4

- Q1. What is a function? Why Programmers use functions in code? While executing a function, how the values are passed between calling and called environment?
- Q2. Explain the importance of pointer in C. Write a program in C to swap the values of two variable using call by reference method.
- Q3. Differentiate between call by value and call by reference. Write a program that compute the area and circumference of a circle with radius taken as input using call by reference in function.
- Q4. Write an algorithm for swapping two numbers using call by reference technique. Also write a C program for the above stated algorithm.