

Programs/Assignments

Lab-3

Topic: Pointers

Objectives:

- To learn writing, executing and debugging C++ programs related to pointers.

Outcomes:

- After completing this, the students would be able to develop C++ programs applying pointers.

Lab Assignments

1. Write a C++ program to calculate the GCD of two numbers using recursive functions. Use call-by address as a method of passing parameters to the function.
2. Write a C++ program using pointers to search a value from a dynamically created 1-d array.
3. Write a C++ program using pointers to sort a dynamically created 1-d array.

Home Assignments

1. Write a C++ program to calculate the roots of a quadratic equation. The function must accept arguments and return result using pointers.
2. Write a C++ program to compare two 1-d arrays and swap the elements using pointers.
3. Write a C++ program to add two dynamically created 1-d arrays using pointers.