

Lab XI

Virtual functions.

1. Implement a simple C++ program for demonstrating the concept of virtual functions.

Follow the algorithm given below.

Step 1: Start the program.

Step 2: Declare the base class base.

Step 3: Declare and define the virtual function show ().

Step 4: Declare and define the function display ().

Step 5: Create the derived class from the base class.

Step 6: Declare and define the functions display () and show ().

Step 7: Create the base class object and pointer variable.

Step 8: Call the functions display () and show () using the base class object and pointer.

Step 9: Create the derived class object and call the functions display () and show() using the derived class object and pointer.

Step 10: Stop the program

Calculate the area of the rectangle or Triangle based on the user's choice. Implement the program with the help of array of pointers to object.

