

Experiment 6: Study and implement Abstract class and Interfaces in Java;

Program 1: Write a Java program to implement abstract classes in java.

Program 2: Write a java program for interface to implement the multiple inheritance in java.

Program 3: Write a Java program to create an abstract class Employee with abstract methods calculateSalary() and displayInfo(). Create subclasses Manager and Programmer that extend the Employee class and implement the respective methods to calculate salary and display information for each role.

Program 4: Write a Java program to create an interface Shape with the getArea() method. Create three classes Rectangle, Circle, and Triangle that implement the Shape interface. Implement the getArea() method for each of the three classes.