

Practice 01 (29-09-2020)

1. Create a class named 'Student' with data members: string 'name', integer 'rollNo', string 'phoneNo' and string 'address'. Write set and show function. In set function check roll no should be a positive number, otherwise assign 1 as roll no. Write a show function to print data members with captions like "Name: Akbar". In main create two objects of class Student. Set some appropriate values and print using show function.
2. Write a program to print the area and perimeter of a rectangle. Create class Rectangle with set, calculateArea, calculatePerimeter member functions. In main declare an object and set values of length and width. Print area and perimeter by calling respective member functions.
3. Create a class BinaryCalculator. Class has two data members (two numbers). Create member functions to calculate & return sum, difference, product of two numbers. Write main to test your class.