SET 29 (Constructors)

1. WAP to find the average of 3 numbers using parameterized constructor
2. WAP to find the average of an array using parameterized constructor
3. WAP to find the distance between two objects of a class called point when the class is having default constructor, parameterized constructor and function called getDistance().
4. WAP to find area of triangle for the given 3 points where each point belongs to different classes.

- 1st point need to use default constructor.
- 2nd point need to use parameterized constructor.
- 3rd point need to use other class object in its constructor and find the area in the other class method.

5. WAP to create 3 classes which contains 2 data members and having 1 parameterized constructor and 1 member function to find GCD then get the GCD at main class and find biggest of these GCD's in third class function.
6. WAP to create a class which contains an integer array as its data member. Create 2 objects for the class and give the value to the array using default constructor and parameterized constructor and merge both one after another using methods in the same class.

7. WAP to create a class which contains an integer array as data member and create a parameterized constructor to assign the values for the data members. Pass the object of this class to a method of another class to calculate mean and standard deviation and embed this mean and standard deviation into an object of another class called Datakeeper and return the object to the main and print mean and standard deviation.

8. WAP to create a class which contains an integer array as data member and create a parameterized constructor to assign the values for the data members. Pass the object of this class to a method of another class to sort them in ascending order and return the array to the main and print it.

9. WAP to create a class which contains an integer array as data member and create a default constructor to assign the values for the data members. Pass the object of this class to a method of another class to get the reverse array and return the array to the main class and print it.

10. WAP to create a class which contains an integer array as data member and create two objects one with parameterized constructor and another as default constructor to assign the values for the data members. Pass the objects of this class to a method of another class to find the lateral sum of each elements and return the array to the main and print it.

*****