SET 31(Public Inheritance) : Java

1.WAP to find biggest of two numbers where one number is inherited from super class with its data members.

2. WAP to find average of 3 numbers where all the three numbers are derived from different class in multilevel inheritance using different input Function (Do not Overload the Funtions).

3. WAP to find area of circle and circumference of circle using hierarchical inheritance.

4. WAP to find GCD of two number's where one number is inherited from super class and use getData() function for both the classes to input values (use super keyword) to call member function of super class.

5. WAP to check whether the given two numbers are divisible by 5 or not by simple inheritance using super keyword to identify data members.

6. WAP to find the whether the two co-ordinates of a point belongs to 1st Quadrant of a Cartesian Coordinate system or not by simple Inheritance using constructors.

7. WAP to find biggest of three numbers through the Multi- level Inheritance by using the constructors.

8. WAP to find the reverse of a Data member belongs to Super class and to check data member of Subclass (Both are with the same name) as prime or not using Super keyword to call constructor and super keyword to access the Data member in Sub class.

9. WAP to create 5 classes which are having parameterized constructor and one data members inherit all the classes in multilevel manner into 5th class. Add these 5 data members in integer array and send this array to another class to get the unique element in array.

10. WAP to create 5 classes which contains one data member and one member function to get the data. Inherit all classes in multilevel manner into a 5th class and create an array for these data member's in function of 5th class and get the array into main. Send this array to a class called Evenodd to create two arrays called even array and odd array embed those arrays into object of another clsass Datakeeper and send it back to main and print.

*****