Quiz 03

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Course: CSE215

Section: 03

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in this time

it his string

30 xby this older

in the minima

Am to the QNO-01 Class Point { private int n private int y; public Point (){ public Point (int n, inty){ this. n=n; this, y=y; public int getX(){ staturn this, n;

```
public int getY(){
     stetuen this.y;
public Point getPoint () {
Point P1 = new Point ();
int K1 = this. x;
    int y1 = this.y;
     int n_2 = P1.9et \times ();
     int y2 = P1.getY();
  public double getDistorce (Paintp) {
  retwin Math. part ((Math. pow (n-p. getx(), 2))+
     (Math. pon (y-P. get Y(),2)));
public Storing to Storing () {
return "The center of the circle is ("+ this. n +
```

```
"," + this, y+") with sadius" + get Bistance ();
                                              clas Circle ?
                                                                                               private Point center;
                                                                                      private duble radius;
                                                                   public Circle () {

j () to the property of th
                                                       public Circle (inten, integ, double radius)

this. n = cn;

this. y = cy;
                                                        public Point Jet Center {
the Been of ((Mall. par (te-p. Jah. Bland)
                                                        public boolean inside Circle (Point P) {
```

public String to String {

J. streturn "the center of the circle is" +

this. nt", "t" this. yt "," with radius + "this

public static raid main

radius" public class Main { public statue roid main (String [] args) Circle C1 = nen Circle (); public clam Main ? public status void main (String [] args). Circle C1 z new Circle (2,4,5);

(c) public statue void main (Stringte] args & Circle c1 = new Circle (4,5); biot of the soldy

public static void mais (String[] orp)? Circle C1 = new Corole (); System. out. println (C1. to Stowy); E-13. find of mind bin ofthe ally

((a, v, e) , j, o , , , = k, , , , , o

An to the QNO: 02

Constructor chaining is the process of calling one constructor from another constructor with respect to current object. Within name class, it can be done using third legrond for constructors in the same class. From Parent class: by using super() keyword to call constructor from the parent: class.

Example:

public class Plant (') {

public Plant (') {

this ("This is a plant");

}

public Plant (String P) { this (p,8); public Plant (Strif P. int ofe) { this name = P; public static void min (Strigtforf) Plant pk=nen Plant (); < 1-1 1-1