```
Assignment - D7.
Sunday, 27 March 2022 11:45 PM
  import java. util. Scanner;
   class plate {
     int length, width;
      plate () }
       System. out. println ("Plate Class Constructor");
 class box extends plate {
     int height;
       System. out. println ("Box Class Constructor.");
 class wood-box extends box {
     int thick;
    wood-box (int l, int w, int h, int t) {
          System. out. println ("Wood Box Class Constructor");
          longth: L;
           width= W;
           height = h;
           Hick=t;
                                                                     "+ width+" Inheight:" + height + "In Thick: "+ thick);
          System.out.println ("longth: "+ longth + "In Breadth:
public class 93 &
   public static void main (String args [])?
     wood-box obj= new wood-box (3,4, I,6);
     class shape ?
      double area;
      void show Areal) ?
         System. out. println ("Area: "+ alea);
   class Circle extends Shape ?
        double radius;
        Circle (int r) {
          radius = v;
      @ Override
       void Show Area () {
          area = 3.14 * radius * radius;
          Super- show Areal);
 class Rectangle extends shape ?
     double len, bre;
     Rectangle (int L, int b) {
         leu > L;
         bre = 6;
    @ Override
     void
           show Areal) {
        anea = len * bre;
        Super. ShowArea ();
 public class 91 {
    public static void main (String arge[]) {
    Circle C1 = new Circle (5);
```

Rectangle RI = new Rectangle (4,5);

c1. show Area ();

RI. Show Area ();