02/01/2012 LAB-04: 1 Develop a Java program to Greate an abstract class named shape that contains named print Area(). Provide three classes named Rectangle Triangle and Circle such that each one of the classes extends the class Shape, Each one of the classes contain only the method print Area () that print the area of import java. Util. Scannor; abstract class Shape abstract void printArea (): class Rectangle extends Shapes () port Area () Scanner S = now Scanner (System. in): System. out. println ("Entart longth and breadth of redangle:"); length = S. nort Into; broadth = S. nort Int(); System out println ("The Area o Rectangle is + Clongth *breadth);

Class Triangle extends Shape Void printAneal) Scorner S = now Scorner (System, In); System. Out. printin ("Ended the dimension (of Triangle !"); longth = 50 noxt Int(); broadth = S. noxt Int (); System out printly (The Area of Triangle 13" + (0.5 * longth * breadth)); e elionotore la class Circle extends Shape on the dimensions of the triangle Void printAriea() Scanner S= new Scanner (Systom. in System out printly (" Enter the dimension 8/ Circle : "3", length = Se nout Int(); System out printle (The Area of Circle 19" + (3.14 * length * longth)); (public class thain public static void main (string args[]) shape shape;

shape = now Rectangle(); Shape print Area(); Shape = now Triangle (): shape, print Aread; Shape= now arcle(); shape print Areal? Callend + Honot sale see also by Enter the dimonsions of the Rectargle: Area of rectangle is 63 Ender the dimensions of the Triangle: Area of triangle is 20 Enter the dinancian of the Circle! Area of circle is 254.34 Total & de all of altabea by and son de all of altabea by and altabea by altabea by altabea by altabea by altabea by and altabea by altabea by altabea by altabea