Date____ /_ Lab program 4 Develop a jana program to create an abstract and an empty method named print Asea () Provide three classes named Rectangly Treangle Circle such that each one of the extends the Shape class Each one of the class contain only the method printAsea () that prints the drea of the given Shape simpost jana. util, Seannes; abstract roid printages (); class Rectangle extends Rectangle (int a

Class Triangle entends Shape Triangle (int a, intb) Super (a,b); void printarea () Hoat area = (float) de * de 12;
System. out. println ("Area of the Triangle:"
+ area); class Circle extends Shape Circle (inta, intb) Super (a,b); void printerea () float area = (float) 3.14 * d1 * d21; System. out. frintly ("Area of the Circle:", + area); class Main Public static noid main (String ages []) int ch, flag=0; Scanner St=new Scanner (System in); while (flag==0)

System. out. printly ("Enter the choice whose system. out. printly ("I.RECTANGLE \n);

System. out. printly ("I.RECTANGLE \n);

2. TRIANGLE \n3. CIRCLE"); = SS. nextInt(); Rectangle 2 = new Rectangle (x, y, r. printarea (); Triungle t = new Tréangle (s, w); t. printaria (); System out printly ("Enter the Radius of circle"); C = new Circle (f, f);