NAME " ANSHUL H. SURANA USN " B M19CSO20 0-4) Develop a Java program to create an abstract class named Shape that contains treso integers and an empty method named - print Area (). Provide three classes named Rectangle, Triangle and lincle such that each one of the classes extends the class shape Each one of the classes contain only the method printfreal) that prints the area of the given shape. > import java util. *; abstract class Shape Scanner Enpot = new Scanner (System.in). abstract void print Area(); class Rectangle extends Shape Wold printAreal) System. Out. printen ("FOR RECTANGLE") System. out println [Enter length and breath l= input-nextInt(): b = input. nextInt(); System. out. printen (" The are at Rectargle is: " + 1 x b); class Triangle extends shape word printAreal

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System out printera (" Enter Bose and Height") &= input. nextInt(). h= input. nex+In+(); class Circle entends Shape void print Areal) & System. out. println!" FOR CIRCLE"). System. but. println! Enter Radius: "). r= input nex+In+(); System. Dut. Println1 The area of Circle is 4 73.14t * 8 x 8 J. class Abstract public static void main (String args (7) Rectangle r = new Rectangle (); r. print Area(); Triangle t = new Triangle (); t. print Areal); Circle c = new Circle(). C. print Areal). Arshultt. Smane

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