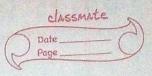
WEEK 4 Develop a sava program to creent an abstract class manded shape that contains two integers and an empty method named print breach Provide there classes named sedany recangle and circle such that each one of the classes contain the class shape Each one of the classes contain only the method Print area co that prints the area of given shape import java util scannos; abstract class shape ? Protected int side 1; protected int sider; Public shape (int side 1, int side e)? this side 1 = side 1; this. Side 2 = side 2; public abstract void Printareac) class Rectangle extends shape? public Rectangle (int length, int wiath) super (Length, width) public void printane () ? int area = side 1 + side 2; system. out. print In [" Rectangle are s" + all



class Triangle Extends snapes public triongle (int base, int height) ? super (base, neight) Public void printanea () f double area =0.5 \* side1 \* side2, System. Out. Printin ("Triangle urea: "+asea); class arche pretents snaper public circle (int gradius) { suler (radius, 0); couble anea = mouth. Pf \* side1 \* side1. Public 8 y stem. out. Print In (" circle anea! "tonea) public class area { Public Static void main (strings[] asys scanner scanner ? new scanner (system.in): system. Out. Print In (" Ententingth and width of rectangle: "); int rectiength scanner. next Entir; int nectwidth: scannon next Inter; Rectangle rectangle: new Rectangle rectlength, nectorathi) System, out. Ariutin (" Enter base 8 width for Triomgle!"). int tribase: scannon, next [n+1):

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