Name: Sai Kouttin CR CSN: IBMAQCS232. papergrid Develop a Java program to create an abstrace clare named Snape-that contains two integers and an empty meltrad name printAria () Reveride three classes haved Rutange, Tiliangle, Ceville unchilleat each one of the classiscends the class stage. Each one of the classes contains only the method point Arrai that prints the area of given mape. umpot java. util. *; class InputStanner unt a,b; Scamper &= new Scamer (System in); Input Scanner ()

Frommain

if (this get (law = = wich . class) System. out. phintlin ("Enter the radius"), a=4. next Int (); System. out, printen ("Enter neight and weight") a=w.nextsnt(); b=w.nextsnt(); class Shape extends InputScamer Donto apphrant roid print Alua();

papergrid

Date: / /

	class suctange extends shape
	void peunt Asual)
-	
all or a	System and painter ("Asea of the suctangle is" + (double) (a*b))
-	y thought have along days
	class thriangle readends snapre
	void print Asua()
	System Out. printen ("Adria of distantin"; + (double) (a*b) [2);
	(double) (a*b) (2)
	y unkne unist
-	Class with realizable shape.
	raid pennithenal)
-	System-out. Porinten ("Arria of vorce is"+ (double) (3.14 * a * a));
	2
-	Class Assarain
/	f public static roid main (String arys [])
/ /	System. out. printer ("For triangle"); thiangle t=new trianger();
/	System ont pennem ("For orestangle") suctangle &= new orestangle;
/	System out permen ("For restangle"), system out permen ("For will"); system out permen ("For will"); with c = new when();

papergrid papergrid it - pennet Adual); C. print Area(); Cystem out parents ("Asso of the of For utiangle Enter neight and Euright Entr neight and wight For rustangle Enter radius Avrea of Avrilanger is: 3.0 Avra of Avrilanger is: 20.0 Avra of writer is: 78.5. When out & mutual Phase of under Charles and the state