Pevelop your program to create my abstract class named shape that contains two integers and an empty method named printaneal). provide true classes named Rectangle, triangle and wice such that early one of the classes extends type class shape . Each one of the classes contain only the method printAdea () that prints the area of given whapernow wine is remained and historianism (" noted I and h") i import. jana. util. scanner; f: () intimport abstract class shape { int x, y; abstractivoid areal) 3 - the motion maissi public static void main (string args[]) Shape obj 1 = yew circle(); Obj 1. anea() is separation of the property Shapel Obj2 = new Rectangle (4); motion Obje. area(); shape. Obj3 = new Triangle () ! Intromod ! Obj3. area(); sigtement executing or aure of triangule is Mars Circle extends shape of anche () S Scanner SC = new (scanner (diptemin); System. Out. prinths (" enter rankin;"); X=SConext mt();

void area (1.

sigstemont printin (" area of winters of 3-142 2+4) stops that contains the integers and any empty metiged arouged printainents provide times stopers yourse Restangle teringle and their such mat only Mass Rectangle extends shapes maken went out of into Rectangle () (Athing population out 1 mm pinton) would Scanner SC = new Scanner & System in 15) DIND 31 System- out printy (" enter 1 and b"); x = Sconexthit(); y= sc. nexthat(); 3 - - nome assistion ming stronger neviment shops shops! Voire area (). system out printing (" area of sectangles "+ n y); public readil voice main letting and 12 } Class Turangle extends Chapes

Triangle () f () which war = 1 100 agails Clanner GC= yew (canner (Gystemen) Systemoustoperinting conceptor pana 60000000 x=sc·yextmt(); (Taun. old) y= sconextmt (); y in the man and void area () restement printy (" area of triangle is +10.53 if Man Prince entends throse ! Minister polar " office to the mother X = CC = May + Mar () 5

TRead radius

enter the radius of the circle area of circle is 3.14 enter the length and breadth of the rectangle area of rectangle is 2 enter the base and hieght of the triangle area of triangle is 3.0 Arugunta Hamsika 1BM22CS054