Develop a Java program to create ab an abstract clow named shape that contains two integers and an empty method named Print Areac 1. Provide three clanes named Reviengle Triangle and cricle such that each one of the class of the class thops. Each one of the class conten methods given above. import Java-Util-Scanner class inputscanner scanner sconew scanner (System-in); clay Shape extends input scanner abstract double a, b; abstract void printArealli abstract voto get Input(); word two as all the clau Rectangle extends Shape Pord get Input () system.out.pmntln ("Enter dimensions"); azsenext Double (1; regit up to the se Dascorent Doublect; void print Areach Systemiout-printipl"Area="+(a+b));

ctrl Page No. Date class triangle extends shape Void get Inputu System. out. Printin ("Enter dimension:"); asse.nextDouble(1) b = se. next Double (1) System.out-protection("Area="+(laxb)/2)); void print Areal) With Mansters Johnson Tonson class circle extends shape id a stable void get Input!) System.out. prohitin (" Enter dimensions for cre assc. next bouble (1) void print Areacl Systemout - printin ("Area="+ (3-14+ a+a)); Maria manda Mila del mila claw Man Alland Lynn Stering public startic Void main (storing [] angs) Rectangle & = New Rectangle(1); V. get Inputl); 4. prin-1914

enter T smitt alt gr Insert Page No. Trangle to new trying less to print Area (1); Circle c = new circle(); Cogettinput (); System. out-printinl" Chroti Khandella", 1BM2201274" 4 Output Enter dimension Asra 2 20.0 Enter dimension Area = 6.0 Enter dimensions for circle Horea = 28. 2599999 showti Khadelia : 1 BM2 2es 274