2/1/24 Lab-4 The state of the s Emport java · utel . Scanner; abstract class shape when the name of of buck! double dim, dem 2, radens; shape (double a , double b) dêm = a; dêm = b; Shape (double a) adins = a; 3 abstract rold printageal); class actangle extends shape sectangle (doudole a, double b) Super(a,b); void printagea () System. out. printen/" area of rectangle: " + (dim 1* dens) class klangle extends shape triangle (double a , double b) Super(a,b);

good printarea () System out paenter ("agea of kiangle: "+ (dimi* dima)/2) class cèvell extends shape Corle (double a) ward paintagea!) 3 ystem. out. println!" area of civile: "+ (3.12, "(rodins) "(rodins)) class ShapeMain public statle vold main (String a [7) Scanned S= nene Scanner (System in) System. out, println ("Praneeta M Reddy, 1BM22(5205"); System out printer ("enter the length and breadth of sectangle"). Souldle 2=5. next Int (). double b=solest_Int(); Hattangle v=reno rectangle (1,6); System. out. prently ("enter the base and height of triangle:"). double bass nextInt() double h-s. next Int() Frangle t-neno Eriangle (ba, h); System. out. println ("enter the gadens.")

double ra = s. next Tut (); abele c=nens vode (va); shape ship sh= or Shoprintageal); sh=2; sh. printareal); sh=c; sh. printagea (); Paaneeta M Reddy, 1BM 28(5205. enter the length and breadth of acctangle? enter the base and helft of Briangle: enter the acadeus: area of rectangle: 6.0 area oftriangle : 6,6 area of circle: 78.5