1BH19C8045 WEEK 7 Derek stanley Ranhath import java will scanner; abstract class shape 2 int d1, d2; apstract void binjacaci; } class reclargle extends shape ? rotd printareact System. out: printin ("In Area: "+ (d1 od 2)); } class triangle extends shape roid printareals & Systemour. println ("In Area: "+ (d1 d2/2)); } class circle extends Shape E void printage § Segition.out. println (in Area: "+ (3.14159 \* d1 \*d2)); } clas Shaperlain publice static void moun (strong ougs (3); int ch; triangl t = new trianglic1; reeladgle & = new reeladgle(); circle c = new circled(); System.out. println("1. Retaingle In 2. Triangle In 3. Circle"); sigletemout. printing " Enice the no of chorce"); Ch= qu: next Int (); Switch (ch) System. out. printin ("Intenses neight and width"); 3 case 1: rid1 = get. nextIN-(); rid2 = get. nextIN-(); r.printareact; break; system.out. printing (nEnter altitude and base: "); case 2: Hd1 = gcr. herl:Inrc); t.de = get.nextIntc1; t. printatea (); break: System.ow.pointin(" Enter the radius :"); case 3: chd1 = get. nextInt(); c. printarea (); break; System. out. printin ("Invalved Input"); defaull':