import java Wil Scanner; hubble Static Void main (String args []) int ch=10; Scanne Sc= new Scanner (System.in); while (ch! = 4) System. out. frintln("1: Cylinder In 2: Cone in 3: Sphese In

4: Exit in Make your choice: in)"; Ch=Sc.nextInt(): (ase 1'. Cylindes (); case 2: cone(); belak; care 3: sphere (); Case 4: System. Out. println ("Program done \n'); défacett: System out printle ("Enter a valid choice (n') Static void yfinder() Scanner SC = New Scanner (Scytem-in); System. out. println (') System the en 2 h. (n");

SURYA Gold double r= Sc. nextDouble(), double h= sc. nextDouble(); double a = 82 \* 3.14 \* 8 \* h + 2 \* 3.14 \* 8 \* 8; double V= 3/14 > \*\* & x x x x x h; Septem out println ("The Avea of cylinder: " + a); Septem out println ("The volume of cylinder: " + v); Static Void sphere() Se Scannel Sc = new Scannel Systemin) System out plintln (" tenter the! 1: \n"); double y= SC. new Double(); double a = 3:4\* x \* y \* 4; System out freintln (" the Ayea is:", +a); System out friedla ("the volume is " , + v) Static void cone () Scanned SC = new Scanner (Systemin); System out paintles ("Souther the x & h: (n"); double y= sc. nextDouble(); double h = sc. nextDouble(), double a = 3.14\* x\*(x+Math.sqxt(h\*h+x\*x)); double V= 3:14\* 7 \* 8 \* h/3; System out paintly ("The Avea is: \"); System out peintly (" the volume is "\");