6): importium saua. util. x; class conics public static void main(String ongs EJ) Scanner ob = new Scanner (System.in); int on spechie int r, h, ch, ct; while (ct!=0) double A, V&, pi= 3.14159; System. out. println (" Enter the values of radius and height of the come 30 shape you want to find the trea and Volume "); r = ob. next Int (); h = ob. neut Int (); System. out. println l" Enter your choia"); System. out print (" 1. Cylinder "); System. out printh (" 2. Cone"); System. out printha (" 3 - Sphere"); ch = Ob. neut Int (); switch (ch) Case 1: A = 2\*pix r\*h&+ 2\*pix r\*rj V= Opix xxxxh;



System. out. printin!" Area of Cylinder = " + A + System out print n' Volume: "+ V+" cubic units "sq. unit"); break; case 2: A = pix x x (x + Math. sqxt (hxh + xxx)); V = (pi x 8 \* \* \* h) /3.0; System. out println 1" Are a of Cone: "+A+" sq. unit") Cystem. out printh ("Volume: "+V+" cubic units"); Case 3: A = 4 x pi x x x x) V = (4 x pi x x x x x x)/3.0 System and printha (" Area of Sphere: "HA + "sq. unit"); fystem. aut. printle (" Volume: "+V+" cabic units"); default: System. out-print In 1" Library dur'u !!"); System. out println ("Phase enter any number to find more values of different shapes

and to ferminate enter 0"); ct = 9k. neut Int();