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Practice programs : OOJ Week-2 Java programs
3) white a java program to accept a number on from the user and print a n rows of output as given below if n=4.
              prints ("Number of elitable in the eq
                           In " con (illi) is
  789 10
import jara-util. Scanner;
                                         e (art ; 82 3 (0+2) 10
class p1 2
 public static roid main (String args []) {
Scanner s= new Scanner (System.in);
    int k=1;
    System out o printle ("Enter the number of nows:");
                                     (44) [4] [44] ; [44] ;
    int n = so nextInt();
    System out . printer ("Patteen");
                                     who sales of they
     for ( int i=1; i <= n; i++)
                                      searly ( " 1 1" & Lain
           for l'int j=1; j = 2; j++)
                                       3 (4) - 2 isab ) 13
            System o out opent (k+" ");
k++;
  3 3 3 System out o puntler ();
                                        amon wind " Little more
                                         Secret ( 4:5" $ 6 6 6
                                             tangle of the
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4) Write a java program to accept the CIE narks (out of 50) and SEE marks (out of 100) of a student and print his Ther grade. Use if ledder import java util Scanner; public static roid main (String args[]) { dass p2 g Scarner 5: new Scarner (System in); System · out · printtn ("Enter CIE marks:"); int CIE = 5. nextInt(); System. out. println ("Enter SEE marks:"); ant SEE = So next Int (); tot = (SEE/2.0) + (double)(CIE); if (CIE>= 20 & & SEE = 40) 4 (tot 789 && tot Z=100) System. out. printer ("Grade: 5"); else if (tot >79 && tot <=89) System out openth ("Grade: A"); else if (tot >69 && tot <=79) System out printle ("Grade" B"); else if (tot 759 && tot <=69) System. out . printer ("Grade: ("); else if (tot >49 && tot == 59) System out oprently ("Grade : D"); System out o printle ("Grade: E"); else if (CIE>= 20 && SEE 240)

System. out. println ("Grade: F"); 5ystem - put . printler ("Not digible, grade not applicable");

5) White a DAVA perogram to print the prime numbers between given two integers (inclusive). Accept these two integers (sometimes) integers from the user. import java util . Scanner; public static rold main (String args [7) { class p3 & Scanner 9 = new Scanner (Systemain); System . out. printle ("Enter two positive numbers:"); int low = 5 next Int (); int high = 8. next Int (); System out . print ("frime numbers between" + low + "and high + " (inclusive) are:"); while (low Z = high) } boolean flag = false; for (int i=2; i = low/2; ++i) { if (low % i == 0) { flag = true; 3 break; if (! flag & & low != 0 & & low !=1) System . out . print (low = ""); ++ low ; 6) JAVA program to find area and rolume import java util Scanner; import static java-lang. Math. 8grt; class p4 {

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public static roid main (string args (1)
   double a, v, r, h; Scanner s = new Scanner (System · in);
    while (true)
     System · out · printler ("Enter the choice of shope:");
System · out · printler ("1. Cylinder In 2. Cone In 3. Sphere In
        O. Exit");
      Scarner c = s. neset Int ();
       switch (c)
       case 1: System. out. printer ("Enter radius:");
                   n = s.next Double ();
                   System out . println ("Enter height:");
                   h=8-next Double ();
                   a=(2+3-14+2+h)+(2+3-14+2+2);
                    v = (3.14 * 8 * x * h);
                   System. out o printle ("Area :"+a+"In Volume","+v);
         case 2: System. out. println ("Enter radius");
                   h=8. next Double();
                  System . out · printlu ("Enter height");
                  h=S-next Double ();
                  a=(3-14+9)*(1+ sqrt ((h+h)+(1+9)));
                   ひ=(3-14*2*1*1)/3-0%
                  System. out. printer ("Area: "+a+"\nVolume: "+0);
                  break;
        case 3 : System. out. println ("Enter radius:");
                  n=8.nextDouble();
                   a=4*3.14*2*25
                   ひ=(4*3-14*九*九*光)/3.0;
                  System- out - println ("Area:"+a+"\nvolume:"+v);
                  break;
        case 0: System. out. println ("Exit");
System. exit(0);
      default: System · out · println ("Invalid Choice");
```