EXP NO!17 write a Java Program to convert a Given number of days in Terms of years, weeks & Days, The of days in output Values Should verily wing white box testing in tronch time promise trape myport jour with some erg Import Static org. Junit. Assert. assertine; (import) and will. Scanner ; Public class : year, 7 1 (nt. motor Public Static Vold main (string args (3) ystern out. printly ("Enter fre number to Ent (Loration MI) year, week, day; Scamer 15 = " New Scamer (Eystern in); System.out print ("Enter the number ofdays:"); m=s. neset Int () ; morpe (1) Mory = m /365 assert True (2 == year); (m=m/-16365600 - mobile System. out - Print In ("1210. of years: "+ year), week = m /7; System . out print Inl' No. of weeks: "two) day 7 my . Las moters System , out print in (wo. of - days: " + days): 4 · (billown ") N (third . doo motif"

```
Find the factorial of no. The output values should
   Vouby wing white box testing?
          import Static. org. Junit. Assert. asser have ;
          import Java util. Scamer;
      Class A factorial of the Traper!
            Public Static vold main (string (Jargs)
             int i, j, prell; will sidely
             try &
 Scanner S= new Scanner Cystem . In);
             System . out. printin ("Enter the number to find
             ich de the factorial ");
             int n= s. heart Int (1) mas?
          4 (nc 6).
   System out trint in ("unvalid")
             elseff == 0) T trans
             System. out - print In ("1");
      System. out. Print In ( Sub of years
            for( 1= N; 1>0; ] --
  System iorand the best in works
             System . out . . Print 1 / "The absurer is "tor";
( ( west times assent ) Trues (120 forpr);
            Catch (Exception e)
              System. out. Drint In ("Invalid ");
```

Find the year of the given date is leap year or not. The output values Should verily using Hitson Lesundo white box testing? of from Imports / Statical organith Amerit Jayrent True; import Javan - util. Scannoring India Class leap year and sitted (sporte [] Public Staticion Void main (String CI asaps) Int 1=0; System . out. Print In ("Enter the date (monthly)) ((Canner S = new Scanner (System . in); (" nadmun asting Te" Sinest () String (13 1 = re split ("/",3); int x = integer parse int (r[2]); awest True (x = = 2000) Lot = radian to gray 2 SATE DING. two motaps (10 th = vadmen & System. out. Println ("It is an leap year"); else a (= KOHGDX =) Noted System cout mint by ("It is not a leap year :"); curent. True (excepted outple == a); (EMent True (ouplated output == b);

EXP NO : 20 Write a program to And the Square, lube of the given desimal number. The output value Should verily. white box testing? i sunt timport to Station ongo Junit & Assert Mayort True, import Jana 1941? Scanner; and Public Clars Cube Square Q Copie E Jenite - Btotico Void Main - Cetting C J args) Scanners = seem Scanner (System . in); System - out - print In (" Enter on rumber "); double n=s. next Double is winte double a = 0, b= 0) = x + d1 a= n*n; b=nxnx True. (x= inxnx n= d System out . print in ("The Square of number = " ta); Systemout - printing the Square of number = "+b); Catch (Exception e) /als (Print Mary Invalled); awent True Cesched output == a); Owert True (experted output == b);