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Write a program to Court all the prime and
Composite numbers entered by the wers.
 import java tilil . Scarner;
  Public class Prine Composite number
   Public static Void main (string[3 augs)
    Int corn [] = { 4,54,29,71,7,59,98,23}.
    ind com =0, pri =0;
    for (inties; ic our length; i++)
     int (=0'
      for (int j=1; j care (i); j++)
       if ( core [ i] 1 · j = = 0)
         pritt;
     System. out. print ("Composite number:"+ com);
     System out print (" Infrime number: "+ pri);
```

```
2. Find the 11th maximum number and Nm minimum number in a
  away and then ford the sun of it and difference of it.
  import java . util . Scanner;
  Public class numax
   Public Static word main (String (Jargs)
    int aer []: [14, 16, 87, 36, 25, 89, 34];
   int las - aux. length;
    for (inti = 0; i 2 len; i+1) = 11 pc, 10, 1 } - (1 100 to
    for ("ntj=2+1; 52 lon; 3++)
    4 (autij sau [j])
     ent leng = arr[i];
     ara [i] = arn [j];
     arr (3) = temp;
  Int m = 1, n = 3;
  int max = arr [ len -m ];
  int min = aur [n - 1];
  System. out point (" m' + marinum number" + morx);
  System - out . print ("n"+n+" minimum number: "+ min);
   int sum = man + min;
  int Diff - man-min.
  System. Out . print (" In Sum=" + Sum);
   System. Out. print ("InDifference:"+ Diff);
```

```
3. Write a program to print the total amount available
   in the ATM machine exit, the conditions applied.
    import jaun ubit saverer;
    Public class ATM machine
     Public Static Void main (String [] args)
      int n = 500, d = 4, n = 100, d = 20, n = 200,
                     d3=32, n4=2000, d4=1;
     int Total = (n, * d2) + cn2* d2) + (n3* d3) + (n4* d4);
     System. out print ("Total Available Balance in ATM:" + Total);
A. Write a program using thoice to theck whother the
 given number is palindrome or not
    import java . util - scarrer;
   Public clas Patindrome
    Public Static void main (estring[] args)
     string SI= "MADAN".
     String Sz=""
     int len = Si.length ();
     for (inti=len-1; is=0;i-)
        S2=S2+S1. Chan At (1);
     (SI . equals (S2))
      System. out. print ("Palindrome");
      System out Print (" Not Palindrome");
```

```
5. Write a program to Convert Decimal number equivalent,
   Binary number and Octal numbers?
    import java . ald - samer;
   Public class Convert
    Public Static void main (string cs angs)
    int dec = 15:
     string lin = Integer . to Binary String (dex);
     String Oct = Integer . to Octal String (dec);
     System out printer ("Binary number = "+ bin);
    System out print ("Octal number ="+ Oct);
   while a program wing shows in sheds whether the C
6. White a Brigram to entry the salary and grade of the
   import java . util . Scanner;
  Public class Company
   Public Static Void main (string (Jargs)
   double lones =0;
   System. Out print ("Enter the grade of the employee:");
  Chan a = input next (). ChanAt (0);
  System, out - print ("Enter the salary of employee:");
  int b1= input. next Int ();
  if (a == A')
   lonus = b1*(0.05);
   4 (pi <10000)
     bonus = bonus + b 1 * (0.02);
   System. out . println ("Salary = "+b1);
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System. out. println ("bonus = "+ bonus );
  System. out printer ("total to be paid ="+ (b1 + borns));
else if (a1==B)
 bonus = bx (0.1);
 4 (b1 < 10000)
 bonus = bonus + b 1 (0.02);
system. out println ("Salary="+b1);
System. out println ("bonus = " + bonus);
system out printer ("total to be paid="+ (b) + bonus
else
System. out. print ("Erler Valid grade");
Write a program to print the first of perfect numbers:
 import java. all. Scanner;
 Public class Perfect number
  Public static Vord main (isting (1 args)
   Scanner input = new Scanner (system, in)
   int n = input newlInt();
   int sum: 0. temp=0;
   for ("int ] = 2; 3 = 1000; 3++)
   if (n >temp)
      Sum = 1;
  for ("nt?=2; icj; i++)
```

```
4 (jxi==0)
       Sum = Sum + 1;
    4 (Sum = 5)
      system. out . print (5+ "");
      temp = temp + 1;
8. write a program to prive the fast on pro
7. write a program to enter the marks of a shudere in four
   import · java. util . scanner;
   Public class student
    Public istatic vold main (string () args)
    int a = 90; hopen is took at long of margary a slide
     int a 3 = 92;
    int a4 = 93;
    ent letal = (a_1 + a_2 + a_3 + a_4);
    float agg = total /4;
    System. Sut. printer (total);
   system. out. println (agg);
   if (agg >75)
    System. Out. println ("DISTINCTION");
  else if (age >=60 de agg = 75)
  System. out. println ("First Division");
else if (agg >=40 ft agg < 50)
  System. Out. printin ("Third Diversion");
```

```
else
   System. out. println ("Fail");
10. Write a program to calculate dan given number
  import gava etil scarner;
  Public Class Calculate lass
   Public static Void main (string (J orgs)
    Scarner Erfort: new Searner (system. in);
    int income = input. nentInt ();
    float tan;
    if (income <=150000)
    system out. printer ("No tan");
    else of (income >= 1500001 4 & income <= 50000)
     system. out. println ("tase =" + income / 10);
   else if (income >=300001 { Income <= 500000)
     system. out. pantla ("Tane="+income 120);
   else
     System. out. printer ("Tax:"+ income 150);
```

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