```
1) write a fregram to count all the prime and composite
      numbers entered py the user.
   Sample Input:
                                                                                          Enter the numbers
                                                                                                                              71
                                                                                                        The state of the s
                 59
                 08
                                                              23
                 Sample outfut:
                            Composite number; 3
                            Prime number:5
                   int arr CJ = [4,54,29,71,7,59,98,23);
                    1nt com=01666=0;
                  for (9nt i=0, i<ar, 1 length istt)
                                  Pf Carr [1]15==0)
                                                                                                96 (c >1)
               System.out. Print ("com Posite Number," 14com);
```

Systemoont. Pel HIN (" IN Rime number: "+ Pti);

```
2. First the 19th maximum number and 19th minimum
Namper in an array and the rum of it and tifference
Array of elements = (14,16,87,36,25,89,34)
 of 34.
 1=1
 N=3
  Sample outfut:
 1 Straximum number = 89
 3 Minimum Number 125
                       Sum=114
  THE OWET = [HIGIST, 36,25, 89, 1849;
                     Pn+ len =arr. lengthi,
   for (Art 8=0; Klen; itt) &
     for Ciny 3=i+1;32 len jitt) of
          Ent femp-aux Ci Ji
          のかのではひろうかか
          ork Ci. 2 = ten 6.
```

but wax = orr Cu-12;

but wax = orr Cu-12;

but wax = orr Cu-12;

System.out. Print ("In piff ereace = " + Diff);

System.out. Print ("In piff ereace = " + Diff);

System.out. Print ("In piff ereace = " + Diff);

System.out. Print ("In piff ereace = " + Diff);

Enter the 1st Denomination; 500

Enter the 1st Denomination; 500

Enter the 2st Denomination number of notes: It

Enter the 2st Denomination number of notes 20

Enter the 3st Denomination number of notes 20

Enter the 3st Denomination number of notes 20

Enter the 4st Denomination number of notes 32

Enter the 4st I number of notes 32

Total Available Balance at Notes En Arm 1240

ine n= 500, d1=4, n2=100 d2=20, n3=200.

d3=32, NH=2000, SA=1;

ive 2010-(41,71)+(45,477)+(43,473)+(44,970). ogstem. Bac. bine (, Lotor trailable Bacance in the wifeloton?;

A). corité a Program asing choice le checis

Corse : 1 : Girlen 34 ring. 92 Parlandrone or not

cose: 2 Gilven rumber is Palindrome or Not

Vample Infall

String = MADANS

Palindronne.

String SI: "MADAM".

Etring 52 = " ".

for cint i =1en-1; i == =)

527-52 451, characis;

system our . Print ("Hot Palindoone");

5% write a fragram to convert Decinal run ber

Equitablens rumber?

ine arc =155

atting pin = Infeder of a Binarystring Cyecz,

atting act = Integen to Octobering (des);

Bystem.our. Rinkln ("Binary number = "4 bin);

System. oft. Printt "oched number = "toct);

BY. write a figurers to print the title in Perfect

vouper.

M = 3

goulle outhert:

Fist 3 pardock number are: 6,28,496.

Sconner en Par = new sommer (1954emola).

but u= bubat rook Int ().

gut June 0, temp20;

for (in +3: 2:332=1000 3344)

ef (3 x. i==0) Lyn sunti; (f csam ==:1) Lysten otte. Print ( '1). femb=foult! 8). Write a googram to Prine the first in Pertect Mumbers. (##6 Sample inPut: N=3 dangle outpur: Fless 3 Perfect number are: 6, 28,496 Eanner infat Inew Scanner (systemolh); 9ht sum -0, temp:0; for (int 5 = 2 'jk': 1000 ; itt) 94 (3010 P==0) dum= sum+ 1;

8t (sum = 23)

Lystem .oat-Prat (it"); Femb=femb+1! 9), outlike a freguento calculate tar given the télleuring conditions; donn ple In Pat: Enter 460 Income: 200000 dample output! Tax = 200000 Scanner Propert = new (Castemin); zur zu cons = in bort. vert int (). float tar. it cincomé < = 1200000) Lesstemout. Print In CrMo Fer "J' Else 1 + (income >= 1200000 PT ! y come [= 300000] Lestem. out. Print INC " Lak "titucone (10); else it lincone 3-30000 122 income (= 500000) 23 stem. Out. Prias In Clax : "dincare 16);

system. out. Ringln ("Trax" + income (30).

10) corite abogram to point the multiplication table of number map to no

000000

damble mort.

MSA

N-5

Sample out pri.

1x axa

2 x 4 = 8

3 x A= 12

21 14=16

544 = 20

1nt m=4; 9nt N=8; for (int 1=1;12=11;14+)

8

Eystem.out. PrintInCit"x"4704=" + (im));

(000000 : 3 - 0000 / 3 2 00000 / 2 3 000 / ) ) ) ) ) ) )

( - 1000 - 1 - 100

(100 mm 1 9 3 mm 1 9 3 mm 1 9 mm 1 9