```
1.) Write a program to print the following problem Scanner input = hew scanner (system in);

that c = input . heart ():

int h = input . next Int ():

For (int i=1; i <= h; i++)

for (int i=1; i <= h; i++)

System. out. print (c);

3

System. out. print ();
```

2.) Find the year of the given date is leap year or not r imporat java. Ulil. Scarron; Public class ax public static void main (string [Jarys) Scarner input = new Scarner (System in); System. Out. print (" Enter year :"); String year = Enput nexet (); String a [J= year osplit ("/"); String d=a[2]; int num = Integer, parse Int (d); if ((nun%14 == 0 & & num% 100; =0) & num 400 == 0) System . Out. printin ("It is a leap year"); system. out. print In l'Not a leap year");

```
3.) Find the number of factors for the given number
   ocanner inpul = new ocannor ( bystem . in);
    ind h= input next Int ();
    int factors = 0;
    for (int 9=1; iz=n; i++)
                        Listy of margar
      if (ny: ==0)
          factors = foctors + 1;
    system out point ("number of factors =" + factors);
4) Woulde a porogram to point the given number is
    Scanner Snpul = new Scanner (system. in);
     int n=input. next Int ();
      int factors = 0;
      los (ind i=1; i/n; i++)
                         round the years of the given
        if (n% i==0)
           factors = factors+i;
      if (n = factors)
       System out print ("It's a perfect number");
5.) Write a program to print the hundrer of vowels
   Scarrer input = new scarnes (system. in);
   String name = input . neset line ();
   ind len = name · langer ();
    chan a IJ=new chan I len J;
    from (int 9=0; i/ len; i+)
```

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a [i] = hame. CharAt (i)
   if(a[i]=='a'|la[i]=='e'|la[i]=='o'|la[i]=='w'
    11a[i]=='A'11a[i]=='E'11a[i]=='I'11a[i]=='o'11a[i]='u
     vow=wow+1;
   system. out. printly (vow);
ednes scauped wallow Iring at margory a spirel (.12
   Pallern!
    Scanner input = new scanner (system in)
    Storing name = input . next line ();
    int len = name. length ();
     Char a []= new char [ len ];
     chan vow []= new chan [len ];
     Char con [] = new char [len];
     int v=0, c=0;
     For (int i = 0; 12 len; i++)
       Q [i]=hame. charat (i);
      if (a[i]=='a' ||a[i]=='e' ||a[i]=:'i'||a[i]=:'o'||a[i]
      11@[i]== \11@[i]== \E' |1@[i]=-'I' 11@[i]=='o' |1@[i]=='
        V++ 3
     3
else q
          con [c] = a [i];
                       is disea of margard
           C++ :
       System. out. paint ("consonants:");
        for (int i=0; i2v; i++)
          8 yslam. Out. print (vow [i]);
          system. out. point ("In vousde ?");
          for (int szosszesstt);
system. out. pount (contid);
```

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Factorial
                    · arren ( Rys
(not 70) Write a program to point the Bibonacci Deries
        Scarner input new scarner coystem ing
Sc
         int n=input . heat int ();
          int a,=0, a2 1;
         Bos (int 1=0; ich; 1++)
           system. out. point (at+"");
           int az · a1+az;
   Jahren De Que Que and String od morgang
             a = a 3;
   8.) Write a perogram to print the below pattern
     scanner input = new scanner
       Scarner input = new scarner csystem in;
        int h=input nesch int ();
        for (int i=i ; ich; i++)
          for(int = 1; j = 1; j = 1; j++)
         gystem out point (i);
         System. out. Dount In () 3
  a.) write a program to find the same. who given
      scanner input = new scanner (System oin);
       float h=input = next float ();
       system · out · pount L' scannes : + (n+h));
       system. out. point ["(se *+(h+h*h));
      write a program to print given rumbers.
        Scarrer input = new scarner (system in);
int n = input next int ();
          ind for = 0;
          from linki=13 12 n; i++)
          f if (n% i == 0)
         fortors = fortors + is
           (nzbacors)
```