```
Assign ment - 11
O write a function is calculate I.C.M. of
  two numbers. (TSRS)
        # include < s+dis. h>
             int L.C.M (int, int);
            ent main ()
      int a, b;
  prints ("Enter a and b");
  Scart ("1.d-1.d", 90, 96);
  print("1.c.Mis 1.d", L.c.M(a,b));
         return 0;
    ent LCM ( int n, int y)
    for (inti=1; i< n*y; i++)
    { it(i/n == 0 99 i/y== 0)
              preak;
      phitt(
        return i;
```

parete a function to calculate 41.0.5 of two no · (T.S. R.S) # include estdio. 4> int HCF (int, int); ent mair () of ent a, b; prints ("Enter two "0"); scart ("1.d-1.d", 90, Fx); print(" HCF is 1.d", HCF (a, b)); return 0; int HCF (int n, inty)) pettitiet; tot poston a for to int min = a < b? a: b; por (1=1; i <= min; i++) il (a1.12=0 77 67.12=0) h.c. 1= 1 ; return 4:0 t;

```
3 write a function to check whether a given
   no is prime of not. (TSRS)
       IF is clude as telie. Is
          ent prime ( ent)
          ind main ()
        of unt n ? 5;
    priett (" anter nvalue");
    Scort ("1d", 9n);
   Platet
         5= prinv(");
      of (s== 0)
      printle ( " prine");
      prints (" Not prine") ?
      return 0;
   (int priver ( int m)
   for(1:2; i<m; i++)
       il (m./.i==0)
         return 0;
      return 1;
```

of write a function to find the next prime no of a given no. (TSRS) # include < stdio. h> int prine (int) int main () f int n; printh (" quites "")", scart (" 1.d", & m); print (" ment prime is 'I'd", prime (x)); return 0; int prime (int m) for (int i= n; (i++) (m) por (int j= 2; jzm; j++) { it(i1.1==0)

return a?

it (i == i)

a = i/

```
1 write a for clear to prois first N
     prime nurbel. (TSRN)
       # ir clude (s+dis. h)
          void prime ( we m);
           int mais ()
      of int n;
    printt (" Enter "");
    Scart (" 1.d", 4m);
         prine (a);
        return 0;
   void primes ( int m)
    por (i=1; i<=m; i+1)
    for (j=2; j < 1; j++)
        カニ シリ・ゴラ
           prest;
         if ( ) != 0)
         print (" 1.d", i);
```

```
1 white a function to print to all
 prime no blw two jim numbel. (TSRN)
     # include cs+dio. 4>
         void reprime ( vit ~), vit)
Ms
          uit main()
     of printly ("antei nyvalue");
       Scant (" -1-dild", 7 mi);
           perime (m, 4);
          return 0;
   void prive (int m), int m)
   por ( vit i= m; i\le m; i+4)
          por (vis i=2; i<i; i+)
              a= i-1.); ib(a==0)
                     preak;
            it (a!=0)
           print+ ("1-d", i);
```

```
write a function to print first N term
  of filoracci series (TSPN)
    # in Clude cs idio. hs
      void Fib (int m);
        (is main ()
   fut n;
  prints (" to Entel n Value");
  Scuf (" 1d", 7");
       sib(n);
    return 0;
  void Fil ( vit m)
{ wit a = -1, b=1;
  for(i=1; i=m; i++)
      1= a+ b;
     print( " 1.d", t);
```

O write a pergram in a to find the oquere of any no using the function. # include (stdis. h) v sid now squele (int m); uit main () (within; printle (" Enter "); 5 car (" 4.d", 9 m); square (m); Return 0; v rid square (int m) printl (" ', d", n*m); 9 write a prigrain to paint find the sum If the series 11 + 21 + 31 + 4! + 5! ung the furction. It i clude es tolio. 4> out tout () int fact (int m) } vit i, foct=1; pa (1=1; icm; i++) fort = fort * i;

```
return pet;
(int main ()
ind i, sum = 0;
 pollies; i 256; itt)
     Sum = sum + foct (i) / i')
    return 0;
  printf (" 'J.d", sum);
   return 0;
```