```
Assignment > 5
(1) #include (sidio. h)
   void main ()
      int j, sum = 0;
      Prints ("The first to gatural gumber is " in");
      for (j : 1; j (=10; j+t)
       Sum = Sum + J;
       Print ( " 1. d ", 5);
    Printf (" in The Sum is : 1.d o", sum);
    OUTPUT:
    The first to gatural ownber is:
    1 2 3 4 5 6 7 8 9 10
    The SUM is : 55
(2) # include (8+dio.b)
    void main ()
      in + n, i;
      prints ("enter a Number");
scanf ("1.d", & n);
      £ = ) °
      whole (is= 10)
       Prints ("1. d * 1/d - 1/d \n', n, i, n*i);
          ++:;
      get ch ();
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OUtput:
         Enter a Number
          2
         2 4 1 = 9
         2 * 2 - 4
         2 * 3 = 6
         2 * 4 = 8
         2 * 5 = 10
         2 * 6 = 12
         2 * 7 = 14
         2 * 8 : 16
         2 * 9 : 18
         2 * 10 = 20.
(3) # include (stdio. b)
   & include (conio. h)
   void main ()
     int oum i , sum = 0;
     print ("Enter a number \n");
     scan + (" 1. d", &num);
     1 = 0 1
     10
      if & ((i %. 2) = = 0)
         3 cm Sam + 1;
       1++;
     while (ix: nom);
    print (" Sun of odd number ",d", Sun )
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6 Hiperude ( endio. h)
   int main L)
     int i, j, K;
    K: +.
   lon fieliles itt)
      Printf (" Mod " Ktt);
     1 ("10");
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(3) Fir clude (starout)
  haid main ()
     ist 50 , KOW, C:1, blk, 6, 5;
     reade ( "Dapot Dumbon of rows:");
     3 can = ( . " di . + 4 ro_ Kota);
     . soc (1:0 : i(ro-trow; 1++)
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     prints (" ");
    for (j=0; j(=i, j+1)
   3
   °2 (j==0)
   ( = | 1
    Clao
      C = C * ( ? - j + 1 ) / j;
     Print & ("1. 42", ();
   Print [ "\n"):
         1 3 3 1
        14641
(8) # include (Stdio.h)
   int main ()
     int 1, 0, 1=0, (2=1, next Term;
Prints ("Enter the number of terme:");
Scanf ("1.d", &n);
     Priore ("Fibogacci Serier");
    FOR (i=1; i(=n; tti)
     Proint ( " ", d , " , t1 );
    next Term = { t + t t 2;
     ti: t2 ;
    12 = nextTerm;
   return, i,
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Out put

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ON+put: Input stanting number of range : 1 Input ending number of range : 1000 Armetrong numbers in given raige 1 153 370 371 407 # include (Stdio.h) Void # include { conto. h} Hinerode (mary . h) toid main () into, in Flag:0; CIASCA (); Printe ("10 Entre a positive intoger Scan & ("'. d", to); il (n):3) 44 (n), (::0) flagil; break; * + + ; 3 while (is: Squ+ (n)), et le lag : 0)

Prime l'un j. d is a fraime number is elee -- printe (1571. d. in 1501 a preincourt gerch ();

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output :
    Enter a positive integer value: 13
    13 fl a prime number.
(12) # include (stdio. b)
    int oncin ()
     int o, reev: 0, remainder;
     Printe ("Enter an integer:");
     Scan & ("1.d", 4n);
     while (n; =0) 5
      reemainder nylo;
      TIEV TIEV & LO + Remain der;
     Prints ("Reversed number - 1/d", reev);
     Teturn o;
    Output: Enter an integer: 2345
Reversed number: 5432
(13) Hinclude (Stdio. h)
    void main ()
      long int n, i, t=9;
      ind Sum = 0;
      print & ( "Popul the number or terme: ").
      Scant (", (d", &n),
       for (i=1); i = 0, i+t)
        Sum += t
        prigaf ("%.ld");
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1 P + 01 K + : +
   Priot f (10) The sum of the series 7.2/10
                               Sum);
   output:
   Popul the number or terms :5
   9 99 999 9999
   The sum of the service: 111105.
(4) Hinclude (Stdio.h)
    roid main ()
     Float &, Sum, t, d;
      int i, n;
     prints ("Input the value of a 7 9");
     Sean & ( e'10 & " , 4 x );
     Print & ( " gaput the number of teame!")
     Seant ("111", 4n);
     Qua = 1; t = 1;
     For (is) i(n jitt)
     d = (2*i)* (2*i-1);
     t = - t * x * x /d;
     Sim: Sum ++;
     Preinte ("In the Sum: 1/ 1/0 Number OF
           terms = 1.d /n volue of x =-
     % f \n" - Sum - n, -x).
   Cutput: 2 mp et the value of x:2
          Input the number of terms is
         the S. Lm = -0. 4158 73
         Number of Jerms = 5
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value of x = 2:000000.
(15) # include ( stdio. h)
    I include & math. hy
    void main ()
       in+x, Sum, c+n;
       inti, n, m, m, nn;
       Printe ("Popul the value of x:"),
Scanf ("1.d", &x);
       Scanf (
       Print ! ( " 2) put of unber of terms : ")
       Scan & ( ". d" An);
       Sum: X; m:-1;
       Prein + f (" The value of the sereice! In")
       Printl ("Y.d. In", x);
       FOR ( 1:1; 1:40 ) (++)
          C+R = (2 # (+1);
          mm : pow (x, C+tx);
          nn = mm * m;
          Drainte ("y.d \n", nn);
          Sum: Sum + nn;
          m=m* (-1);
     prints (" to the Sum = "/d In", Sum),
     output :
        Input the value of 1 :2
        Input the n'umber of terms ! 5
       The velves of the Service 12
        -128
      512
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The Sung = 410.