Assign merd - 7

O write a program to bind the Nth termy

ph' # include 25 +dis. 6>

printi (" Enter m value");

scart ("1-d", 4");

pul(i=1; i=m; i++)

§ 1= a+1)

a = b;

d= ti

privite (" 1.d tem is 1.d", n, t);

```
write a program to print pirst N + emast
# include <s+dio. h>
          int main ()
   § unt m, a == 1, b = 1 p, t;
  print & (" anter n value");
  Scart (" | d ", 7 m);
  for( i=100; i <n; i++)
   f = \alpha + \delta j
     print(" 1.d", t);
     \alpha = b
     b = tj
```

9

return 0;

O write a program to check whether a given number is there in the Filonacci series et not. It is clude (stdis.4) ent mair () [wit m, as-1, B=1, 100 +) printt ("Enter No. to Chick"); scart (" /d", qm); per (i=1; ==; i++) } A= a+b; b = t; id (n = = t) break; Hog==1; break; it (149 - 1) printf(" given No. is present in He peries");

h

printle ("given no is not present in the peries"); 9 write a program to calculate H.C.F. fuo number # include <5+dio.4> int main () I ent a, b prott ("Enter a and b values"), Scart (" /-d /-d", 40, 41); und min = a < b? a: b; por (int i=1; i <= min; i++) il (a./ 1==0 44 1./·1==0) h.c. t=1; printl("h.c. + is 1-d", HeF); retur 0;

16 write a program to cheek whether the two giver number are co-prives number are not. # in clude 25 talis. 1) int main() pt, of ent a, b, h.c.ti int min = a < b? a: b; por (int is 1) ics min; i++) il (a/i==0 44 b/i==0) 6.C. t=17 11 (hot==1) printl(" (0- prive"); else prints (" Not co-prine"); return 0;

no under 100. II include 25+dis. h> ent mair () ((i= 02 ; i < 100; i++) for(j=2) j = i; j++) id(i'/j==0) break; st (i==i) printt (" 1-d", i); return 0;

(1) Write a program to print prime no bla two giver no. # include cs + dio. 13 int mais () } gnt a, 6 4,0; printf("Erter a and svalve"); scarf (1-d 1-d", 40,98); for (= a; i < b; i++) of for (j=2; j<ai; i++) if (i'/ j==0) break; il (i==i) printl("/d", 1); return 0;

```
corte a program to find ment primes no.
    It is clude < s + dio. 4>
       int main ()
   d wit i, a, a)
 printh (" Enter a and b value")?
 scart (" +d", 4a))
   for (i= a; 1; i++)
{ belj=2; i<i; i++){
       u (i-1.j==0)
         predc;
      u (i==i)
    { printl(" .j.d", i);
     return 0;
```

write a pryram to chile whether a guer no is an agrestrong no of me. # include as + div. h vit mais () 1 int m, arm, a, \$50; proit f (" Enter the arm no"); scart (" y-d", garm); m= arm; a hilu (m! 50) a = m 1 10 / 1: 1+(a*a*a); m= m/10; il (arm == 16) printf (" arristroy no"); prott(" Not an armstry no"); return 0;

(10) write a program to print all Brinstrong number under 1000. # in chide (5+dio.4) ent main() § int m, a, b; for (int d= 100; 1<1000; 1++) 6 = 0% while (m!=0) { a= m 1.10; 1= 1+(a*a*a); m = m/10/ 3 id (1== b) privite ("Y-d /m", i);

3 return 0;