fssignmend-4

<include < stdio. n > included in all answers

```
int main () §
       int a=0, b=0, c=±, d) 2;

printf (" Enter a number");

scanf (".1.d", &x);
        swhile(x)
     6=a;
             a=d;
               c= q;
         Brint ("1d", b);
     int main () {
2.
      int a=0, b=0, c=+, d) *x;
       print ("Enter a number"),
scant ("'/d", bx);
while (x) {
           Buintf("1.d", a);
             b= 9.
              a= 6;
               (= q; )
```

printfer oretwino;

```
int main() {
3.
      int a=0, 6=0, c=+,d,x;
       printf (" Enter a number ");
       Scanf (" 1. d", &x1;
         while (x>=a) s
           if(x==a)
             boreap;
            d= b+c;
             しこの
             9 = d;
              (=a; 6
        if (x = = a) print f (" In fibonaci series");
        else print ("Not in filonacci socier");
       vieturn o; 3
    int main(){
     int .9, 4, x1, x2, d, C;
       printf (" Enter a number 11);
       Scanfecc. 1. d.1. d", & 9,66);
        1+ (a> b)
          X7= ODQ
          X2 = 40 le 1, 2
       else s
         スオート;
          12 = 9:
       C=X2.
        for (i= +; S = x2, x2--); {
          frint+ ("hef 18 1.d") x2); }
exi+(0); } }
           retwin(0);
```

```
int main ()
   if (x1% h== 0 && x2/0 h==0)
             beleak;
     it (h==1)

printf ("coprime");

else

printf ("hot coprime");

refurno;
6. int main(){
    int x, i;
   tooy (x=2; x <= 100; x++) 2 0000000
       for (5=2; ix=x; i++)
         if(x%) i = = 0) {

if(x== 1)

printf("' /.d",x);

boreak; }
          outwino; }
```

```
(7)
     int main () {
                                                        int 2±, 22, a, b, i;

brint+ ("Enter a number");
scant ("10d 11d", &a, &b);
      if (976)
          X1 = 6;
          X2 = 9;
        elses
          21 = 9
         22 = 6; 3
      for (1=5; 1x=x=; 1++) {

for (1=5; 1x=x=; 1++) {
              (1== Ex) +1
             Printf ("(0)0d", X=);
           returno; 3
    int main() {
(8)
      int at is
       Brint (a Enter a number!!);
Scarf (a 1.d", &xxx);
            2++;
         for ( 1 = 2; 1x= II; i++) {
                 (0== 10/2 EX) +i
                wreak;
                bring ( " 1 , 21, x=1);
                retwin o;
```

```
int main () {
          int x, i, gum = +, y, (ount = 0, q, Z, j=+, 8=0;
         int x, i, sum

print ("Enter a number");

sant ("(1.d", 6x);
              while (xc)
                                  :0 = mus
                x=x./10;
               (ount ++;
        foor ( i= 1 ; s<= (ount = 1) d", (ount);
             d= 40010;
              d=+ (" \na= 0/1 d", a);
                while ( ] <= (ount)
                      sum = sum *a)
                       d++ 101 0108
                    8 = 8 + 8 um; 10
                     X= 1/10)
             else brint (" Not arms torong");
               returno;
              Cours MAIDAND + HARING
```

```
to. int main()
     int s, x, count =0, P=+, 9, coun2, sum =0',
    fay (x= 1; x <= 1000; x++)
          P=1',
         sum = 0;
          count = 0;
          S= x;
           count ++',
S = S/10';
         while (S)
          S= 2',
          foot (s; s7==;)
              count = count 2;
               a= S0/0 10;
S= S/10;
               while (count)
                  P= p* q;
                3 count --;
                sum = sum +p;
                P= 1;
             if (sum == x)

brintf ("1.d\n", sum); }
```