16CS 5 DCADA

```
10 # include < stdio h >
 vaid towers (int, her, char, char); int main()
   int num ()
  Eint num;
  paint ("Enter the number of disks ! ");
  seanf ("% d", & num);
 print ("The sequence of moves involved in the Tower of Henri are
  towars (num, 'A', 'C', 'B');
   getnern 0;
  social tousers (int num, shar frompeg, shar topeg, shar anyleg)
    printf (" n Move disk 1 from pag % c to pag % c", from pag, topag);
    tower (num -1, frompeg, auxpeg, topeg);
  Arinth ('In Morse disk % d from peg "10 c to peg "10 c", num, frompeg,
   Toueer (num-1, ourspeg, topeg, frompeg);
```

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D #include < stdia.h>

int ged (int, int);

int main ()

E int n 1, m2, num;

print f ("Enter two positive integers:");

scanf ('%d %d", & n', &n2);

print f ("G. C. Dof %d and %d is %d", x1, n2, ged (n1, n2));

saturno;

system ("pause");

int ged (int n1, int n2)

E ff (n2! = 0)

int ged (int n1, int n2)

E If (n2!=0)return ged (n2, n190n2),

else

return n1;

Modification

States int sount (int n, shars, shard, shara)

int sount =0;

if (n == 0)

return 1;

return 1;

rount + = count (n-1, S, a, d)

count + = count (n-1, a, a, s)

return rount;

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