#include <iostream>

#include <conio.h>

#include <stdlib.h>

int gcd\_f(int a,int b)

{

if(b!=0)

{

int e=a%b;

a=b;

b=e;

return( gcd\_f(a,b));

}

else

return(a);

}

void main()

{

cout << "ENTER THE NUMBERS";

cin >> p >> q;

int d=0;

if(p>q)

d=gcd\_f(p,q);

if(q>p)

d=gcd\_f(q,p);

cout << d;

}