//MY C++ ASIGNMENT 4

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#include <iostream>

#include <conio.h>

using namespace std;

int gcd(int x,int y);

int main(){

int a,b;

cout<<"Enter any two positive integers \n";

cin>>a>>b;

cout<<"\nThe Greatest Common Divisor of " << a << " and " << b << " is " << gcd(a,b);

getch();

return 0;

}

int gcd(int x,int y)

{

int z=x%y;

if(z==0)

return (y);

else

return(gcd(y,z));

}