Aim: To find GCD of two numbers.

Code:

#include <iostream>

using namespace std;

int gcd(int a, int b)

{

int result = min(a, b);

while (result > 0) {

if (a % result == 0 && b % result == 0) {

break;

}

result--;

}

return result;

}

int main()

{

int a,b;

cin>>a>>b;

cout << "GCD: " << gcd(a, b);

return 0;

}