

```
// Algorytm Euklidesa
// www.algorytm.org

#include<iostream>
using namespace std;

int main()
{
    int a,b;
    cout << "Podaj a: ";
    cin >> a;
    cout << "Podaj b: ";
    cin >> b;
    cout << "NWD(" << a << ", " << b << ") = ";
    while (a != b)
    {
        if (a < b)
            b -= a;
        else
            a -= b;
    }
    cout << a << endl;
    return 0;
}
```