

```
#include <iostream>
using namespace std;

int main()
{
    //1. resz
    float x, y;
    int a=0, b=100, c, i;
    cout<<"x="; cin>>x;
    cout<<"y="; cin>>y;
    while (a<x) a++;
    while (b>y) b--;
    c=b-a;
    cout<<"c="<<c<<endl;
    //2. resz
    do
    {
        cout<<"a="; cin>>a;
        cout<<"b="; cin>>b;
    } while (a>=b);
    if (c==b-a) cout<<"OK"<<endl;
    else cout<<"Nem pontos!"<<endl;
    //3. resz
    int S=0, k=2;
    for (i=1; i<=c; i++)
    {
        k=k+2;
        S=S+k;
    }
    cout<<"S="<<S<<endl;
    return 0;
}
```