

```
#include <stdio.h>
#include <stdlib.h>

int main()
{
    //1. resz
    float x, y;
    int a=0, b=100, c, i;
    printf("x="); scanf("%f", &x);
    printf("y="); scanf("%f", &y);
    while (a<x) a++;
    while (b>y) {b--;printf("%d ", b);}
    c=b-a;
    printf("c=%d\n", c);
    //2. resz
    do
    {
        printf("a="); scanf("%d", &a);
        printf("b="); scanf("%d", &b);
    } while (a>=b);
    if (c==b-a) printf("OK\n");
    else printf("Nem pontos!\n");
    //3. resz
    int S=0, k=2;
    for (i=1; i<=c; i++)
    {
        k=k+2; S=S+k;
    }
    printf("S=%d\n", S);
    return 0;
}
```