#include <stdio.h>

int main() {

double a, b;

printf("Enter a: ");

scanf("%lf", &a);

printf("Enter b: ");

scanf("%lf", &b);

// swapping

// a = (initial\_a - initial\_b)

a = a - b;

// b = (initial\_a - initial\_b) + initial\_b = initial\_a

b = a + b;

// a = initial\_a - (initial\_a - initial\_b) = initial\_b

a = b - a;

// %.2lf displays numbers up to 2 decimal places

printf("After swapping, a = %.2lf\n", a);

printf("After swapping, b = %.2lf", b);

return 0;

}