/\*Write a program to swap two number without taking any separate variables\*/

#include<stdio.h>

int main()

{

float a,b;//a and b are two separate variable that you can input in

printf("Welcome to the program for swapping two number without taking any separate variables.\n");

printf("Please enter your first variable.\n");

scanf("%f",&a);

printf("Please enter your second variable.\n");

scanf("%f",&b);

printf("Your entered variables in correct order are %f and %f.\n",a,b);

printf("Your first variable is=%f.\n",a);

printf("Your second variable is=%f.\n",b);

a=a+b;

b=a-b;

a=a-b;

printf("\nThe swapped variables in respective order are %f and %f.\n",a,b);

printf("Your swapped first variable is=%f.\n",a);

printf("Your swapped second variable is=%f.\n",b);

}