//Input two numbers and prints its Addition, Subtraction, Multiplication, and Division.

#include<stdio.h>

int main()

{

float a,b;

printf("Welocome to the program for basic calculations\n");

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

scanf ("%f", &a);

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

scanf("%f", &b);

printf("Your numbers are =%f %f\n", a , b);

float diff;

int c,d;

c = (int)(a);

d = (int)(b);

if(a>b)

{

diff = a-b;

printf("Difference of two numbers is %f\n", diff);

float quotient = a/b;

printf("Quotient of the divison is %f\n", quotient);

int c = (int)(a);

int d = (int)(b);

c %= d;

printf("\nRemainder of the divison is %d\n", c);

b += a;

printf("\nSum of the two number is %f\n", b);

}

else

{

diff = b-a;

printf("Difference of two numbers is %f\n", diff);

float quotient = b/a;

printf("Quotient of the divison is %f\n", quotient);

int c = (int)(a);

int d = (int)(b);

d %= c;

printf("\nRemainder of the divison is %d\n", d);

b += a;

printf("\nSum of the two number is %f\n", b);

}

}