#include <stdio.h>

**int** main()

{

**int** num1,num2;

printf("Enter first number: ");

scanf("%d",&num1);

printf("Enter second number: ");

scanf("%d",&num2);

printf("Choose operation to perform (+,-,\*,/,%): ");

scanf(" %c",&ch);

result=0;

**switch**(ch)

{

**case** '+':

result=num1+num2;

**break**;

**case** '-':

result=num1-num2;

**break**;

**case** '\*':

result=num1\*num2;

**break**;

**case** '/':

result=(**float**)num1/(**float**)num2;

**break**;

**case** '%':

result=num1%num2;

**break**;

**default**:

printf("Invalid operation.\n");

}

printf("Result: %d %c %d = %f\n",num1,ch,num2,result);

**return** 0;

}