#include <stdio.h>

int main() {

int num1, num2;

char op;

printf("Enter first number: ");

scanf("%d", &num1);

printf("Enter an operator (+, -, \*, /): ");

scanf(" %c", &op); // Note the space before %c to consume any leftover newline

printf("Enter second number: ");

scanf("%d", &num2);

switch(op) {

case '+':

printf("Result: %d\n", num1 + num2);

break;

case '-':

printf("Result: %d\n", num1 - num2);

break;

case '\*':

printf("Result: %d\n", num1 \* num2);

break;

case '/':

if (num2 != 0) {

printf("Result: %d\n", num1 / num2);

} else {

printf("Error: Division by zero is not allowed.\n");

}

break;

default:

printf("Invalid operator!\n");

}

return 0;

}