#include <stdio.h>

int main()

{

char Operator;

float num1, num2, result = 0;

printf("\n Please Enter an Operator (+, -, \*, /) : ");

scanf("%c", &Operator);

printf("\n Please Enter the Values for two Operands: num1 and num2 : ");

scanf("%f%f", &num1, &num2);

switch(Operator)

{

case '+':

result = num1 + num2;

break;

case '-':

result = num1 - num2;

break;

case '\*':

result = num1 \* num2;

break;

case '/':

result = num1 / num2;

break;

default:

printf("\n You have enetered an Invalid Operator ");

}

printf("\n The result of %.2f %c %.2f = %.2f", num1, Operator, num2, result);

return 0;

}

//Output:

Please Enter an Operator (+, -, \*, /) : +

Please Enter the Values for two Operands: num1 and num2 : 4 5

The result of 4.00 + 5.00 = 9.00

Please Enter an Operator (+, -, \*, /) : -

Please Enter the Values for two Operands: num1 and num2 : 4 5

The result of 4.00 - 5.00 = -1

Please Enter an Operator (+, -, \*, /) : \*

Please Enter the Values for two Operands: num1 and num2 : 4 5

The result of 4.00 \* 5.00 = 20.00

Please Enter an Operator (+, -, \*, /) : /

Please Enter the Values for two Operands: num1 and num2 : 4 5

The result of 4.00 / 5.00 = 0.8