**Task # 6: Basic Calculator**

Write a program that takes two numbers and an operator (+, -, \*, /) as input and performs the corresponding

arithmetic operation. Use switch-case statement.

CODE:

#include<stdio.h>

int main()

{

//taking input

float num1;

float num2;

char op;

float result;

printf("Enter num1 = ");

scanf("%f",&num1);

printf("Enter num2 = ");

scanf("%f",&num2);

printf("Enter operator = ");

scanf(" %c", &op);

//switch statement

switch(op)

{

case '+' :

result = num1 + num2;

printf("Result = %f", result);

break;

case '-':

result = num1 - num2;

printf("Result = %f", result);

break;

case '\*':

result = num1 \* num2;

printf("Result = %f", result);

break;

case '/':

result = num1 / num2;

if(num2 != 0)

{

printf("Result = %f", result);

}

else

{

printf("Error!");

}

break;

default:

printf("invalid");

}

return 0;

}

OUTPUT:







