



Q1.: Write a C++ program (by using function) that will allow a user to input 2 numbers and perform basic arithmetic operations including addition, subtraction, multiplication, and division for these two numbers.

Output:

```
Input first number
8
Input Second number
9
8 + 9 = 17
8 - 9 = -1
8 * 9 = 72
8 / 9 = 0.888889
```

Q2. (H.W): Update the Q1 to ask user to choose specific operation to perform.

Output:

```
Input first number
6
Input Second number
7
Input one of + - * /
/
6 / 7 = 0.857143
```

Q3.: Write a C++ program (by using function) that will allow a user to input an integer and the function should check the number is even or odd.

Q4.: Create a C++ program that allow the user to input 5 numbers to an array. Use the function that compute the sum of the array's elements.

Q5.: Update the Q4 to find how many even numbers inside the array.

Q6. (H.W.): Write a C++ program that calculate the sum of all the following matrix. Note: you should use two-dimensional array.

3	4	1	6
2	0	7	5

Q7. (H.W.): Modify the question #1 and use function.