ACTIVITY 1 – 1

[Source Code]

```cpp
//  AGUIRRE, PAUL VINCENT S
// ACTIVITY 1
// AUGUST 5, 2025

#include <iostream>
using namespace std;

int main() {

    int num1;
    int num2;

    string op;

    cout << "Choose an operation(+,-,*,/): ";
    cin >> op;

    cout << "Enter First Number:  ";
    cin >> num1;

    cout << "Enter Second Number: ";
    cin >> num2;

    if (op == "+") {
        int result = num1 + num2;
        cout << "Result: " << num1 << " + " << num2 << " = " << result << endl;

    } else if (op == "-") {
        int result = num1 - num2;
        cout << "Result: " << num1 << " - " << num2 << " = " << result << endl;

    } else if (op == "*") {
        int result = num1 * num2;
        cout << "Result: " << num1 << " * " << num2 << " = " << result << endl;

    } else if (op == "/") {
        int result = num1 / num2;
        cout << "Result: " << num1 << " / " << num2 << " = " << result << endl;
    }

    return 0;
}
```
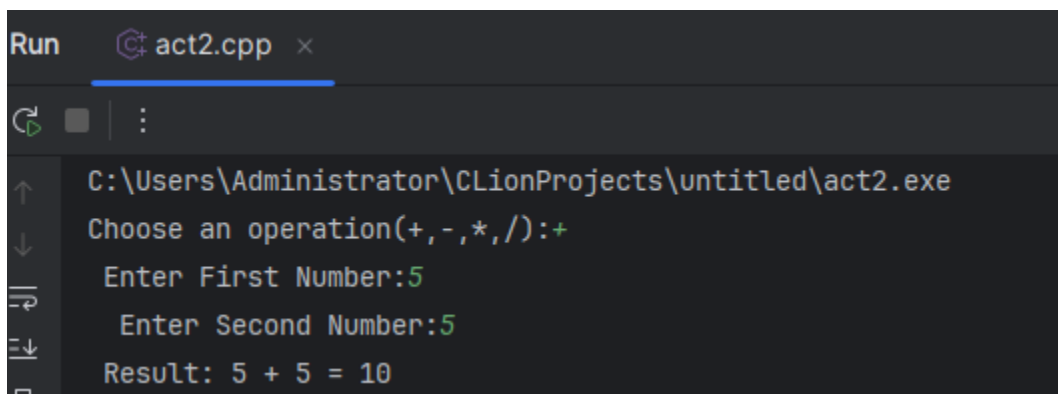
[Output]


```
Run      act2.cpp  ×

C:\Users\Administrator\CLionProjects\untitled\act2.exe
Choose an operation(+,-,*,/):+
 Enter First Number:5
  Enter Second Number:5
Result: 5 + 5 = 10
```

ACTIVITY 1 – 2

[Source Code]

```cpp
// AGUIRRE, PAUL VINCENT S
// ACTIVITY 2
// AUGUST 5, 2025

#include <iostream>
#include <cstdio>
using namespace std;

int main() {

    int lop;
    cout << "Enter your loop: ";
    cin >> lop;

    float add_num = 0;

    for (int i = 1; i <= lop; i ++) {

        float get_num = 0;
        cout << "Enter Number " << i << ": ";
        cin >> get_num;
        add_num += get_num;
    }

    float mean = add_num / lop;

    cout << "Sum: " << add_num << endl;
    cout << "Average: ";
    printf("%.2f\n", mean);

    return 0;
}
```
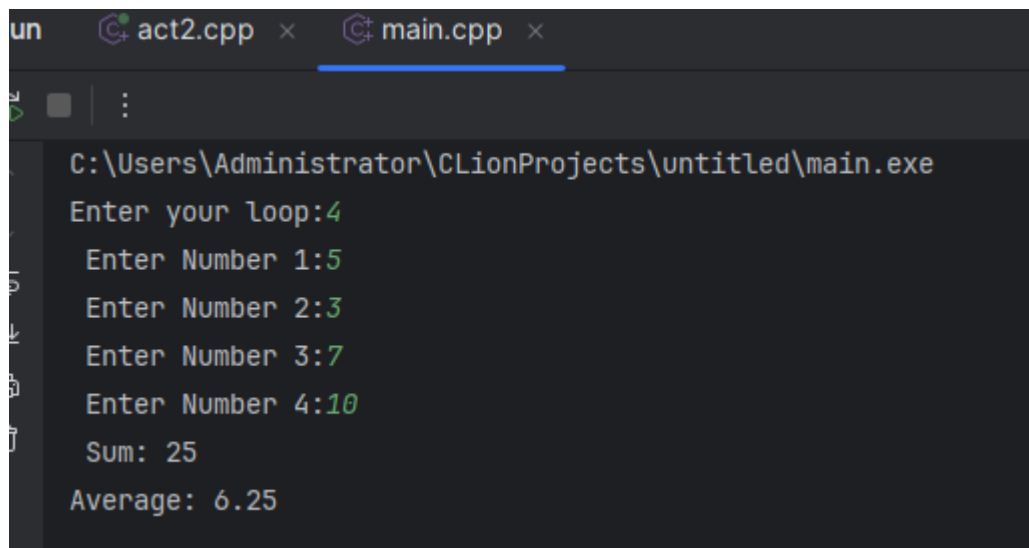
[Output]