Sum and Average of Arbitrary Numbers

```cpp
// Sum And Average Of Arbitrary Numbers Ifk

#include<iostream>
using namespace std;

int main()
{
    double sum = 0;
    int n;  // total number
    int x;  // each number

    cout << "How many numbers? :" << endl;
    cin >> n;

    for(int i = 1; i <= n; i++)
    {
        cout << "Number " << i << " : \n";
        cin >> x;

        sum += x;
    }

    cout << "Total : " << sum << endl;
    cout << "Average : " << sum/n << endl;

    return 0;
}
```

Test Case 1

Input

```
3
10
8
16
```

Output

```
How many numbers? :
Number 1 :
Number 2 :
Number 3 :
Total : 34
Average : 11.3333
```

Test Case 2

Input

```
7
-4
12
100
0
9
7
-14
```

Output

```
How many numbers? :
Number 1 :
Number 2 :
Number 3 :
Number 4 :
Number 5 :
Number 6 :
Number 7 :
Total : 110
Average : 15.7143
```