How would you write an algorithm to find the average of some numbers entered by the user?

Use the **Accumulator Pattern**

- initialize accumulator variable
- loop until done:
  - update the value of the accumulator
- display result

Details:
Ask the user how many numbers will be entered. In your groups, write this in Python.

```
Average.py

num = input("Enter how many numbers you would like to input: ")
sum = 0.0

for i in range(num):
    x = input("Enter number: ")
    sum = sum + x

avg = sum/num
print("The average of your numbers is ", avg)
```

Nice use of floating-point numbers.