CMSC 201 In-Class Exercise

Winner

Place all names of those PRESENT in group here:	Remember:
Christopher Lense Paula Skidmore Victoria Myers Daniel Bitner Shawn McWilliams	1. This is for extra credit if your team's work is selected 2. Be complete 3. Be neat 4. Be organized 5. Use everyone's input

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.

```
# adds in the numbers the user enters
def main():
    nums = input("Enter how many numbers you are entering:")
    sum = 0
    for i in range(nums):
        sum += input("Enter a number ")
                good!
    average = float(sum)/nums
    print("Average is: "), average
main()
```