

## Looping Homework (While – loop)

1. Write a program that:
  - a. Prompts the user to enter the **number** of integer values they want to sum
  - b. Prompt the user to enter integer values
  - c. Print out the sum of the values entered
2. Write a program that prompts a user to enter integer values (from keyboard) and computes
  - a. The sum of the values entered
  - b. The average of the entered integers.

Note: The program stops prompting the user to enter values when the user enters a *sentential value* of **-99** (hint: this terminate the loop)

3. Write a program that reads the first 5 values from a file “data.txt” and computes the sum of the values read.
4. Write a program that reads integer values from a file and
  - a. Prints out the total number of even values read
  - b. Prints out the total number of odd values read

(how do you know when there isn't any more values to read from file? **See page 300-303 of text...**)

### For problems 3 and 4 you

- You must test to see if the file was successfully opened. See page 302-303 of text)
- For Opening and Closing a file (page 292, 293)
- Reading data from a file (page 297)