CS 111 Recitation 4

*Your peer leader will leave time at the end to ask questions about your upcoming midterm.
The midterm will cover the following topics: binary->decimal, truth tables, programming process, testing, conditionals/boolean logic, very basic looping constructs.

Exercise 1: Conditionals Practice
   a) Ask the user for their age and output if they are allowed to vote (18 and above)
   b) Assume you are about to give a ticket to a person you caught speeding. Get the speed as the input and output the correct fine.
   - less than or equal to 60: $0
   - above 60 and less than or equal to 75: $100
   - above 75 and less than or equal to 90: $200
   - above 90: $500

Exercise 2:
- How would you sum up the first X numbers (in code)? Hint: loops
- Write a for-loop that does the above with X being a user input.
- Write the same code using a while-loop and a do-while-loop.
- What are the differences between the 3 loops? When do you use each one?

Exercise 3:
Write a program which computes the average of multiple test scores. Ask the user for how many test scores they are going to input. Don't forget to do error-checking!
*You must use a while-loop in your program.