Chapter 11 Homework – Pointers

Reading Assignment:
Read Chapter 11 in Introduction to Programming with C++, 3rd Edition by Liang

Problem Assignment:
1. (18 points) Work Checkpoint Exercise 11.3, 11.4, and 11.5 on p. 417. Write the directions and the given code, and then show the output of the program.
2. (12 points) Work Checkpoint Exercise 11.15 and 11.16 on p. 422. Write the directions and the given code, and then show the output of the program.
3. (70 points) Work Programming Exercise 11.1 on page 449. Hint: Use the **_new_** operator to create new memory. In addition to the requirements listed with the exercise:
   - Display the contents of the array, the average, and the number of values above the average.
   - Test the program using any values you pick for two cases:
     a) array size = 3
     b) array size = 10
   - Turn in a copy of the program as well as the output for the two test cases