

Beginning C Programming for Engineers

In-class exercise, lesson 5

Name: _____

Create an array containing 10,000 random integers, with each random number in the range of 1 to 2000. Then, with this array:

- Compute and display the average of these numbers, rounded to an integer.
- Display how many of the values in the array are less than, greater than, and equal to the average.
- *Optional:* Display both the largest and smallest number in the array.

You do not need to write separate functions for this exercise. You do need to pay attention to details, such as using `srand` and properly initializing your various variables.