EECE.2160: ECE Application ProgrammingSpring 2017

Lecture 21: Key Questions March 10, 2017

1. Describe how to declare, initialize, and access two-dimensional arrays.

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2. **Example:** Complete the following program:

3. Explain how to pass arrays to functions.

}

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4. **Example:** Write a function for each of the following:

• Given an array of doubles (arr) and the # of elements in the array (n), find the average of all array elements

6 (cont.) **Example:** Write a function for each of the following:

• Given an array of ints and the # of elements, find the largest element in the array

• Given an array of test scores (tests), the # of elements in the array (n), and an amount to scale those scores by (s), add s to every element in tests and print the scaled scores

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5. Explain the relationship between pointers and arrays.