

EECE.2160: ECE Application Programming

Spring 2018

Lecture 29: Key Questions

April 13, 2018

1. (Review) Explain the use of the `fopen()` function.
2. (Review) Explain the use of the `fclose()` function.
3. Explain how `fscanf()` and `fprintf()` are used for formatted file I/O.

4. **Example:** Write a program to:
- Read three integers from file `myinput.txt`
 - Determine the sum and average of those values
 - Write the original values, sum, and average to file `myoutput.txt`.

5. Explain how `fread()` and `fwrite()` are used for unformatted I/O.

6. Describe the standard input and output streams.

7. Describe how to test that an operation has reached the end of a file or caused an error.