16.216: ECE Application Programming
Spring 2013

Lecture 25: Key Questions
April 5, 2013

1. Explain the use of the `fopen()` function.

2. 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. Explain how to check that the end of a file has been reached, or if an error has occurred.