16.216: ECE Application Programming
Spring 2012

Lecture 33: Key Questions
April 23, 2012

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.

7. Describe the standard I/O streams and explain how the file I/O functions can be used to write to these locations.