ECE 175: Computer Programming for Engineering Applications

Lab Assignment #3 - Wednesday

Relevant Programming Concepts:

- Nested Loops
- File I/O

Problem 1: Develop a C program that reads one integer at a time from a file called numbers.txt and prints the odd numbers on file odd.txt and the even numbers on even.txt.

Sample Output:

Input file: 12 4 345 567 3 88

Output:

odd.txt file will contain 345 567 3

even.txt file will contain 12 4 88

Problem 2: Develop a C program that draws a pyramid. Your program should ask the user to enter the height of the pyramid and display the pyramid on file pyramid.txt.

Sample output:

Enter the pyramid height: 5

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    *
   ***
  *****
 *******
*********
```