**CS 3173 Assignment 1 12 points**

**chapter 1**

**Due 8/ 28**

**Email your homework to me at** [**harringp@nsuok.edu**](mailto:harringp@nsuok.edu)

**You can email your java file, copy your code into windows notepad and email the text file, or copy and paste your java file into Word and email it if you prefer.**

**Programming in Java:**

Write a program in java to

1. Calculate the period of a periodic pulse train from the slides in chapter 1. Have the user input the frequency and print the result.

2. Calculate the duty cycle for a periodic pulse train. Have the user input logic 1 pulse duration t\_w and period T. Print the result.

3. Repeat steps 1 and 2 and print the result to a file.