**EE222 Homework 1**

**Problems:**

1. Write a program that asks you to enter an ASCII code value, such as 68, and then prints the character having that ASCII code.
2. Write a program that reads in a floating-point number and prints it first in decimal-point notation, then in exponential notation.
3. There are approximately seconds in a year. Write a program that requests your age in years and then displays the equivalent number of seconds.
4. Write a program that takes a floating point value from the command line and returns the circumference of a circle with the given diameter.
5. Find out what your system does with integer overflow, floating-point overflow, and floating-point underflow by using the experimental approach; that is, write programs having these problems.

**What to submit:**

* One .pdf file including your solutions for all five problems
* For each problem, you need to show two parts:

1. Your program code in text (not a figure)
2. The screen shot shows a run of your program