**EE222 Homework 3**

1. (20 pts) Write a program that reads input until encountering the # character and then reports the number of spaces read, the number of newline characters read, and the number of all other characters read.
2. (20 pts) Generate a table of conversions from radians to degrees. Start the radian column at 0.0, and increment by until the radian amount is . Include a table heading and column headings for the tables.
3. (20 pts) Write a program that asks user an arithmetic operator() and two operands and perform the corresponding calculation on the operands.
4. (20 pts) Use nested loops to produce the following pattern:

0

1 2

3 4 5

6 7 8 9

10 11 12 13 14

15 16 17 18 19 20

1. (20 pts) Write a program that requests two floating-point numbers and prints the value of their difference divided by their product. Have the program loop through pairs of input values until the user enters nonnumeric input.