CPS 125 – Project 1 Name: _____ Fall 2013

DUE: Tuesday, September 10th by the beginning of class

HW: Define or describe the following:

- compiler
- machine level language
- higher level language
- source code
- executable
- compiler error
- run-time error
- algorithm
- debug
- syntax
- data type
- int
- float
- stdio.h

DUE: Wednesday, September 11th before 11:59pm

Project 1: Create a celsius to fahrenheit temperature conversion table similar to what we did in class.

- Comment your code. There should be a comment at the top with your name and a description of the program as well as comments throughout the code as needed.
- Write your code so that the starting and ending temperatures as well as the step size can be changed easily.
- The output of your code should appear exactly like the table below. Your name and the "????" are the only parts that will be different. Show one decimal place for the fahrenheit values.
- Your code must compile – check it carefully. When finished, email me your .c file with email subject "CPS 125 - Project 1."

```
-----------------------------------
|    <your name>'s temp table     |
-----------------------------------
|    celsius     |   fahrenheit   |
-----------------------------------
|      -15       |      ????      |
|        0       |      ????      |
|       15       |      ????      |
|       30       |      ????      |
|       45       |      ????      |
|       60       |      ????      |
|       75       |      ????      |
|       90       |      ????      |
|      105       |      ????      |
|      120       |      ????      |
|      135       |      ????      |
|      150       |      ????      |
-----------------------------------
```