Name: Dominic Hupp

ECCS 1611 – Programming 1 Section (circle): morning **afternoon**

Fall Semester 2020

Lab 1 Checksheet – Introduction to C++ Programming using Visual Studio

13 August 2020

Step 19: For the specified inputs (displayed in **bold Courier** font), enter the input text EXACTLY as shown (INCLUDING the space between number and unit, and making the distinction between UPPER and lower case characters), record your outputs:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Letter | Inputs | First Attempt | Correct? | Additional Attempts |
| A | 0 C | 32.0 F | Yes | N/A |
| B | 32 F | -14.2 C | No | 0.0 C |
| C | 100 C | 212.0 F | Yes | N/A |
| D | 212 F | 85.8 C | No | 100.0 C |
| E | -40 C | -40.0 F | Yes | N/A |
| F | 20 f | Sorry - temperature scale must be either C or F. | No | -6.7 C |

REMINDER: Remember to take screenshots! So we can see your output.

Step 20: Please answer the following question in the space below: what do you believe is the reason for selecting the particular input values specified in items (a) through (f) in the above list?

I believe that these values were chosen for a number of reasons. To begin, values A, C, and E all computed correctly with the formula provided. This is because that formula was written out with the proper order of operations. Values B and D were mirror calculations to A and C, however, the provided formula was incorrect and needed parentheses to enforce the proper order of operations in the calculation. Value E was to demonstrate that -40C == -40F. Finally, value F was provided to demonstrate that lowercase letters don’t equal uppercase letters and need to be dealt with accordingly