ECCS 1611 – Programming 1 Name: Dominic Hupp

Fall Semester 2020

Lab 04 – Selection - 3 September 2020 lab section: morning **afternoon**

For each problem, please demonstrate your program via a screenshot.

**You only need to screenshot of a and b for 4.1, 4.2, and 4.3. For 4.4 do test run #2**

**P4.1:**  **Inputs First Attempt Correct? Additional Attempts**

1. **-40 C** Output: Solid **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **32 F** Output: Solid/Liquid **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. **68 F**  Output: Liquid **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. **100 C** Output: Liquid/Gas **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. **250 F** Output: Gas **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**P4.2:**  **Inputs First Attempt Correct? Additional Attempts**

1. **9.9 3 4.5** Output: 9.9 **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **-5.5 9 2.2** Output: 9 **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Prof./Lab TA signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**P4.3:**  **Inputs First Attempt Correct? Additional Attempts**

1. **0** Output: 1 **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **10** Output: 2 **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. **-1234** Output: 4 **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. **123456** Output: 6 **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Prof./Lab TA signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Please turn over for remaining problem***

**P4.4:**

**Test Run #1: - input data in *large bold italics***

Customer owes $***1.30* First Attempt Correct?** **Y** | N

Customer pays $***2.00*** Incorrect value: change quarters dimes

Change due is $0.70 Incorrectly displayed: dollars nickels pennies

2 quarters

2 dimes

**Test Run #2: - input data in *large bold italics***

Customer owes $***14.56* First Attempt Correct?** **Y** | N

Customer pays $***20.00*** Incorrect value: change dollars quarters

Change due is $5.44 dimes nickels pennies

5 dollars

1 quarters

1 dimes

1 nickels

4 pennies