ECCS 1611 – Programming 1 Name: Dominic Hupp

Fall Semester 2019

Lab 03 – Calculations – 27 August 2020

Programming problems. For each problem, please take a screenshot of the programming running in the console with the output. You only need to do one for each problem.

**P3.1:** Test data:

**Inputs First Attempt Correct? Additional Attempts (This is for your record keeping)**

1. **6 2** Output: 8, 4, 12, 4  **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **7 4** Output: 11, 3, 28, 5.5 **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**P3.2:** Test data: New cost: $20,000, estimated MPG = 30.0, miles per year = 15,000, gas price = $2.50/gal, 5 years of use, resale amount: $3,500

**First Attempt Correct? Additional Attempts (This is for your record keeping**

Output: $22,750 **Y** | N Output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**P3.3:** Test data:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cost for all books** | **Number of books** | **First Attempt – Output:** | **Correct?** | **Additional Attempts** |
| $10.00 | 1 | 13.25 | **Y** | N |  |
| $50.00 | 7 |  | Y | N |  |

What you are submitting:

* Any and all of your .cpp files you coded. (You can put them all in one file, multiple files, whatever you wish)
* Screenshots (you can put these into the check-sheet or can be separate files)
* Your filled out check-sheet