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Fall Semester 2020

Lab 05 – Iteration – 10 September 2020

For each problem, please demonstrate your program via Screenshots.

**P5.1:**

**Test Run: no input data First Attempt Correct?** **Y** | N

The sum of all even numbers between 2 and 100, inclusive, is 2550.

The sum of all squares between 1 and 100, inclusive, is 338350.

**P5.2:**

**Test Run – input in bold italics: First Attempt Correct?** **Y** | N

Enter number or Q to quit: ***5***

Enter number or Q to quit: ***4***

Enter number or Q to quit: ***6***

Enter number or Q to quit: ***2***

Enter number or Q to quit: ***7***

Enter number or Q to quit: ***10***

Enter number or Q to quit: ***1***

Enter number or Q to quit: ***3***

Enter number or Q to quit: ***12***

Enter number or Q to quit: ***Q***

Largest value: 12 Smallest value: 1

Even number count: 5 Odd number count: 4

**P5.3**:

**Test Runs – input in bold italics:**

**Run #1: First Attempt Correct?**  **Y** | N

Please enter a number: ***13***

1

0

1

1

**Run #2: First Attempt Correct?**  **Y** | N

Please enter a number: ***100***

0

0

1

0

0

1

1