Homework 4 Rubric – Name

[20 pts] Question 1: Print number with While Loop

[] 4 pts: Correctly initializes n to 1.
[] 5 pts: Correctly uses a while loop.
[] 5 pts: Correctly prints numbers 1 to 5.
[] 3 pts: Prints a message after the loop ends.
[] 3 pts: Code runs without errors.

[20 pts] Question 2: Countdown with While Loop

[] 4 pts: Prompts user for input correctly.
[] 6 pts: Correctly uses a while loop for descending order.
[] 5 pts: Implements input validation.
[] 5 pts: Code runs without errors.

[20 pts] Question 3: Odd/Even Checker with For Loop

[] 4 pts: Prompts user for input correctly.
[] 6 pts: Iterates through the range() correctly.
[] 7 pts: Correctly determines and prints odd/even status.
[] 3 pts: Code runs without errors.

[20 pts] Question 4: Vowel Probability Checker

[] 5 pts: Correctly generates strings of length N.
[] 5 pts: Correctly counts vowels.
[] 4 pts: Repeats the process M times.
[] 4 pts: Calculates probability accurately.
[] 2 pts: Code runs without errors.

[20 pts] Question 5: Fibonacci Sequence Generator

[] 4 pts: Prompts user for input correctly.
[] 10 pts: Correctly implements Fibonacci logic.

[] 4 pts: Validates n >= 2.
[] 2 pts: Code runs without errors.

[] -5 pts: If code does not run successfully due to syntax errors. If student submits files other than the .py file. Missing Name, ID, or Honor Code statement at the top of the file as per instructions.

Total: /100