**WEEKLY TEST 3– PFS11**

**1. Reverse First and Last Name [1M]**

**Question: Write a Python program that:**

* **Takes two inputs from the user: first name and last name.**
* **Stores them in variables and prints them in reverse order, formatted as: "Last Name, First Name".**

**Sample Input:**

**Enter your first name: John**

**Enter your last name: Doe**

**Sample Output:**

**Doe, John**

**2. Formatted Greeting [1M]**

**Question: Write a Python program that:**

* **Takes the user's full name as input.**
* **Outputs a greeting like: "Hello, <Full Name>!".**
* **Ensure the output is properly formatted, with the first letter of each word capitalized.**

**Sample Input:**

**Enter your full name: john doe**

**Sample Output:**

**Hello, John Doe!**

**3. Formatted Float [1M]**

**Question: Write a Python program that:**

* **Asks the user to input a floating-point number.**
* **Stores the number and prints it formatted with exactly 2 decimal places.**

**Sample Input:**

**Enter a floating-point number: 12.34567**

**Sample Output:**

**12.35**

**4. Multiple Inputs in One Line [1M]**

**Question: Write a Python program that:**

* **Prompts the user to enter three different inputs: an integer, a float, and a string.**
* **Prints all three inputs in a single line, with each value separated by a comma.**

**Sample Input:**

**Enter an integer: 10**

**Enter a float: 3.14**

**Enter a string: Hello**

**Sample Output:**

**10, 3.14, Hello**

**5. Calculate Age [1M]**

**Question: Write a Python program that:**

* **Takes the user's birth year as input.**
* **Prints the current age of the user by calculating it using the current year (e.g., 2024).**

**Sample Input:**

**Enter your birth year: 1990**

**Sample Output:**

**You are 34 years old.**

**6. Formatted Number Sentence [1M]**

**Question: Write a Python program that:**

* **Prompts the user to enter two numbers.**
* **Prints these numbers formatted as a sentence: “The numbers you entered are X and Y”.**

**Sample Input:**

**Enter the first number: 15**

**Enter the second number: 25**

**Sample Output:**

**The numbers you entered are 15 and 25.**

**7. Product and Price Receipt [2M]**

**Question: Write a Python program that:**

* **Asks the user to input a product name and its price.**
* **Outputs a receipt-like message formatted with the price aligned to the right, ensuring that the price is displayed with two decimal places.**

**Sample Input:**

**Enter the product name: Apple**

**Enter the price: 1.5**

**Sample Output:**

**Product: Apple**

**Price: 1.50**

**8. Character Count in a Sentence [2M]**

**Question: Write a Python program that:**

* **Prompts the user for a sentence.**
* **Prints the number of characters in the sentence (excluding spaces) along with the sentence itself.**

**Sample Input:**

**Enter a sentence: Python is awesome**

**Sample Output:**

**Your sentence: Python is awesome**

**Character count (excluding spaces): 15**