Long Quiz	
Course Code: CPE 201L	Program: BS Computer Engineering
Course Title: Data Structures and Algorithm	Date Performed: September 13, 2025
Section: 2-B	Date Submitted: September 13, 2025
Name: Justine Poliño	Instructor: Engr Maria Rizette Sayo

1.Objectives

To print my name in the correct order
To display my name in reverse using arr.reverse

2. Discussion

I first create a variable name which is my name then use it in my array with each character from my name as another element. The code then reverses the order of the elements in the arr. Last it prints it .

3. Materials and Equipment

1. **Python programming language**
2. **Google Colab**
3. **Github**

4. Procedure

Step 1; set name " Justine Poliño"
Step 2: create a list array of each letter of the name
Step 3: PRINT the original list
Step 4: reverse the list's order
Step 5: PRINTS the reverse list

5. Output

```
    Justine Poliño
    ['J', 'U', 'S', 'T', 'I', 'N', 'E', ' ', 'P', 'O', 'L', 'I', 'Ñ', 'O']
    Reversed: ['O', 'Ñ', 'I', 'L', 'O', 'P', ' ', 'E', 'N', 'I', 'T', 'S', 'U', 'J']
```

6. Conclusion

My conclusion is, first it makes my name as a variable then, breaks it in to single letters, and then reverses their order for the final output using arr.reverse.

Lab Activity Rubric ✏️ 🗑️

Criteria	Ratings						Pts
🎯 SO 7 PI 1 **Student Outcome 7.1** Acquire and apply new knowledge from outside sources. threshold: 4.8 pts	**6 pts** Excellent | Educational interests and pursuits exist and flourish outside classroom requirements,knowledge and/or experiences are pursued independently and applies knowledge learned into practice	**5 pts** Good | Educational interests and pursuits exist and flourish outside classroom requirements,knowledge and/or experiences are pursued independently	**4 pts** Satisfactory | Look beyond classroom requirements, showing interest in pursuing knowledge independently	**3 pts** Unsatisfactory | Begins to look beyond classroom requirements, showing interest in pursuing knowledge independently	**2 pts** Poor | Relies on classroom instruction only	**1 pts** Very Poor | No initiative or interest in acquiring new knowledge	6 pts
🎯 SO 7 PI 2 **Student Outcome 7.2** Learn independently threshold: 4.8 pts	**6 pts** Excellent | Completes an assigned task independently and practices continuous improvement	**5 pts** Good | Completes an assigned task without supervision or guidance	**4 pts** Satisfactory | Requires minimal guidance to complete an assigned task	**3 pts** Unsatisfactory | Requires detailed or step-by-step instructions to complete a task	**2 pts** Poor | Shows little interest to complete a task independently	**1 pts** Very Poor | No interest to complete a task independently	6 pts
🎯 SO 7 PI 3 **Student Outcome 7.3** Critical thinking in the broadest context of technological change threshold: 4.8 pts	**6 pts** Excellent | Synthesizes and integrates information from a variety of sources; formulates a clear and precise perspective; draws appropriate conclusions	**5 pts** Good | Evaluate information from a variety of sources; formulates a clear and precise perspective.	**4 pts** Satisfactory | Analyze information from a variety of sources; formulates a clear and precise perspective.	**3 pts** Unsatisfactory | Apply the gathered information to formulate the problem	**2 pts** Poor | Gather and summarized the information from a variety of sources but failed to formulate the problem	**1 pts** Very Poor | Gather information from a variety of sources	6 pts
🎯 SO 7 PI 4 **Student Outcome 7.4** Creativity and adaptability to new and emerging technologies threshold: 4.8 pts	**6 pts** Excellent | Ideas are combined in original and creative ways in line with the new and emerging technology trends to solve a problem or address an issue.	**5 pts** Good | Ideas are creative and adapt the new knowledge to solve a problem or address an issue	**4 pts** Satisfactory | Ideas are creative in solving a problem, or address an issue	**3 pts** Unsatisfactory | Shows some creative ways to solve the problem	**2 pts** Poor | Shows initiative and attempt to develop creative ideas to solve the problem	**1 pts** Very Poor | Ideas are copied or restated from the sources consulted	6 pts

Total Points: 24