# Weekly Progress Report

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Internship Domain: Python

Platform: Upskill

Week Number: Week 3

Report Date: July 03, 2025

## 1. Format

I have prepared my weekly progress report in a clear and organized manner using professional formatting. Headings, subheadings, and bullet points are used to ensure clarity and proper structure.

## 2. Content

- Completed Python Task 3: Password Generator using random module.  
- Practiced list handling and string formatting for password complexity.  
- Integrated options for password length and special characters.  
- Started initial draft for Task 4: Rock-Paper-Scissors Game with GUI.  
- Shared code updates with team and documented features.

## 3. Challenges and Hurdles

- Faced issues generating secure and unpredictable passwords.  
- Confused between `choice()` and `sample()` in the random module.  
- Resolved confusion through Python documentation and online tutorials.  
- Debugged issues related to user input and special character encoding.

## 4. Lessons Learned

- Improved understanding of Python’s random and string libraries.  
- Learned best practices for password generation and basic security measures.  
- Enhanced ability to troubleshoot input/output issues.  
- Realized the importance of user experience while designing input prompts.

"I have prepared my weekly progress report as per the provided guidelines, including a clear format, detailed task descriptions, challenges faced, and lessons learned."