

Project 5: Password Generator

Description

This project is a password generator that creates a secure password based on user input. Users specify the number of letters, numbers, and symbols they want in their password. The generator then randomly selects these characters and shuffles them to create a strong, unpredictable password. It provides a practical tool for enhancing security by generating complex passwords.

Key Technologies

- **Python:** Used for implementing the password generation logic and handling user input.
- **Random Module:** Utilized to randomly select characters from predefined lists of letters, numbers, and symbols.
- **Concepts Covered:** Random selection, list manipulation, and string concatenation.
- **Unique Features:** Allows customization of the password composition and ensures randomness by shuffling the characters.