Random Password Generator

 **About the project**: This project involves building a random password generator. For beginners, it's a command-line tool that creates passwords based on user-defined length and character types. The advanced version features a GUI, options for password complexity, adherence to security rules, and clipboard integration.

 **Skills used for advanced project requirement**: GUI design (using Tkinter or PyQt), implementing security rules for strong passwords, clipboard integration, and advanced customization options.

 **Concepts used**: Random character/string generation, user input validation, character set handling, GUI design, security rules for passwords, clipboard integration, and customization.