

Day 9 Task

1. Create a password strength checker that uses regular expressions to enforce strong password criteria. Define a class for managing user accounts, including functions for password validation and user registration. This project will involve working with classes, functions, and regex.
2. Build a program that can serialize Python objects (convert them to a JSON representation) and then deserialize them back to their original form. Create a class hierarchy to demonstrate the serialization and deserialization of different types of objects.
3. Develop a quiz game where questions are stored in a JSON file. Use classes to represent the game, questions, and players. Functions can handle game logic, scoring, and displaying questions. The JSON file can store the questions with options and correct answers.
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