

## Summary of the Password Checker Code

The script checks the strength of a password based on specific criteria and provides feedback to the user. Key features include:

### 1. Password Strength Rules:

- Minimum of 8 characters.
- At least one digit.
- At least one uppercase letter.
- At least one lowercase letter.
- Inclusion of at least one special character.

### 2. Functions:

- `check_password_strength(password)`: Evaluates a password against the above criteria and returns feedback ("Weak," "Medium," or "Strong") depending on the level of compliance.
- `password_checker()`: A user interface loop that continuously prompts the user to input a password and displays the result from `check_password_strength`. The loop can be exited by typing "exit."

### 3. User Interaction:

- The program welcomes the user and provides real-time feedback on password strength.
- Users can quit the program by typing "exit."
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### 4. Implementation:

- The script uses basic Python constructs like loops, conditionals, list comprehensions, and the `re` module for regular expression matching.