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import re
import getpass

def check_password_strength(password):
    # Define password strength criteria
    length_error = len(password) < 8
    uppercase_error = not re.search(r"[A-Z]", password)
    lowercase_error = not re.search(r"[a-z]", password)
    digit_error = not re.search(r"\d", password)
    special_char_error = not re.search(r"[!@#$%^&*(),.?\":{}|<>]", password)

    errors = {
        "❌ Too short (minimum 8 characters)": length_error,
        "❌ No uppercase letter": uppercase_error,
        "❌ No lowercase letter": lowercase_error,
        "❌ No digit": digit_error,
        "❌ No special character": special_char_error
    }

    passed_criteria = 5 - sum(errors.values())

    if passed_criteria == 5:
        strength = "🟢 STRONG 🏆"
    elif 3 <= passed_criteria < 5:
        strength = "🟡 MODERATE 😊"
    else:
        strength = "🔴 WEAK ❌"

    print("\n=====")
    print("🔒 PASSWORD STRENGTH CHECKER")
    print("=====")
    print(f"🔍 Password Strength: {strength}")
    print("\n📋 FEEDBACK:")

    for msg, is_error in errors.items():
        if is_error:
            print(f"{msg}")
        else:
            print(f"✅ {msg[2:]}")

# Ask user whether they want to see password while typing
print("🔒 Welcome to the Password Strength Checker 🔒")
show_input = input("🔒 Do you want to show your password as you type? (y/n): ").strip().lower()

if show_input == 'y':
    password = input("👉 Enter your password: ")
else:
    password = getpass.getpass("🔒 Enter your password (hidden): ")

# Optional: Ask if they want to display the password after typing
reveal = input("👉 Do you want to display the password you entered? (y/n): ").strip().lower()
if reveal == 'y':
    print(f"🔒 You entered: {password}")

# Run strength check
check_password_strength(password)

```

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🔄 🔒 Welcome to the Password Strength Checker 🔒
🔒 Do you want to show your password as you type? (y/n): harshith_0527
🔒 Enter your password (hidden): .....
👉 Do you want to display the password you entered? (y/n): y
🔒 You entered: harshith_0527

=====
🔒 PASSWORD STRENGTH CHECKER
=====
🔍 Password Strength: 🟡 MODERATE 😊

📋 FEEDBACK:
✅ Too short (minimum 8 characters)
❌ No uppercase letter
✅ No lowercase letter
✅ No digit
❌ No special character

```

+ Code

+ Text

