Vault of codes

**TASK: 3**

**New task: Mini project**

**Create a Password Strength Indicator for a login page of our website Code:**

def check\_password\_strength(password):

# Define criteria

\_criteria = len(password) > 8

uppercase\_criteria = any(char.isupper() for char in password) lowercase\_criteria = any(char.islower() for char in password) digit\_criteria = any(char.isdigit() for char in password) special\_char\_criteria = any(char in "!@#$%^&\*()\_+[]{}|;:'\",.<>?`~" for

char in password)

# Check the strength

if length\_criteria and uppercase\_criteria and lowercase\_criteria and digit\_criteria and special\_char\_criteria:

return "Strong"

elif length\_criteria and (uppercase\_criteria or lowercase\_criteria) and digit\_criteria:

return "Medium" else:

return "Weak"

# Get the password from the user

password = input("Enter your password: ") strength = check\_password\_strength(password)

# Display the strength print(f"Password strength: {strength}")

**Output:**

