2XC3 Final Project

Test Case 1 Checking:
- **Main Menu**
- **Short pass**
- **Weak pass**

```
[andradk@moore ~] ./KyleAndrade

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 1
Enter the password: abc123
Error: Password should be at least 8 characters long. Try again.
Enter the password: abcde12345
Password Strength: Weak

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 2
Last tested password strength: Weak

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 3
Exiting...
```

Test Case 2 Checking:
- **Moderate pass**
- **Strong pass**
- **Check the strength of the last tested password**
- **Exit**

```
[andradk@moore ~] ./KyleAndrade

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 1
Enter the password: Abc!1234
Password Strength: Moderate

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 1
Enter the password: password123
Password Strength: Weak

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 1
Enter the password: P@ssW0rd123!Safe
Password Strength: Strong

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 2
Last tested password strength: Strong

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 3
Exiting...
```