

Test Case 1:

```
[tasnint@moore ~/finalproject] ./TanishaTasnin
Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 1
Enter a password: abc123
Error: Password should be at least 8 characters long.

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 1
Enter a 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...
[tasnint@moore ~/finalproject]
```

Test Case 2:

```
[tasnint@moore ~/finalproject] ./TanishaTasnin
Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 1
Enter a 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 a 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 a 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...
[tasnint@moore ~/finalproject]
```

The 2 test cases above are exactly done as shown in the instructions. The test case below is not exactly shown in instructions but it demonstrates other aspects of the program which were included in the instructions but not in the sample run itself. Thank you 😊

```
[tasnint@moore ~/finalproject] ./TanishaTasnin
Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 2
No password has been tested yet.

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: aa
Your input is not valid, you must enter either '1', '2' or '3'

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 1w
Your input is not valid, you must enter either '1', '2' or '3'

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 1
Enter a password: tstststststdhdt
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...
[tasnint@moore ~/finalproject]
```