

Test Case 1 Checking:

- Main Menu
- Short pass
- Weak pass

```
[habiba21@moore ~/Final Project 2XC3] gcc -o AndrewHabib AndrewHabib.c
[habiba21@moore ~/Final Project 2XC3] ./AndrewHabib

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.
Re-enter a longer password.
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: Weak

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: 3
Exiting...
[habiba21@moore ~/Final Project 2XC3]
```

Test Case 2 checking:

- Moderate pass
- Strong pass
- Check the strength of the last tested password
- Exit

```
[habiba21@moore ~/Final Project 2XC3] gcc -o AndrewHabib AndrewHabib.c  
[habiba21@moore ~/Final Project 2XC3] ./AndrewHabib
```

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: P@ssW0rd123!Safe

Enter the password: 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: Strong

Password Resilience Analyzer

1. Test a new password
2. View strength of the last tested password
3. Exit

Enter your choice: 3

Exiting...

```
[habiba21@moore ~/Final Project 2XC3]
```

## Personal Test

```
[habiba21@moore ~/Final Project 2XC3] gcc -o AndrewHabib AndrewHabib.c
[habiba21@moore ~/Final Project 2XC3] ./AndrewHabib

Password Resilience Analyzer
1. Test a new password
2. View strength of the last tested password
3. Exit
Enter your choice: abc
Invalid choice!
[habiba21@moore ~/Final Project 2XC3] ./AndrewHabib

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 entered previously!

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: 123

Error: Password should be at least 8 characters long.
Re-enter a longer password.
Enter the password: 12345678
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: 12345678a
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: 12345678aA
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: 12345678aA(
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: 12345678aAA$
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...
[habiba21@moore ~/Final Project 2XC3]
```