Validation testing. Include all the following items: (20 points)

* Develop an appropriate set of test data to fully validate the program.
* the data sets you tested against.
* a brief written explanation of the results of your tests and what you had to fix.

1. I had to add a dictionary to verify the user account is added

* screenshots of your good test data working

\*\*Test Data 1: Registration and Login\*\*

Test User Registration:

- Enter a new username and a password.

- Expected Result: You should see a message indicating successful registration. Verify that the new user account is added to the `user\_accounts` dictionary.

A screen shot of a computer

Description automatically generated

Test Existing User Login:

- Enter an existing username and the correct password.

- Expected Result: You should see a welcome back message, and the Rock, Paper, and Scissors buttons should become enabled.

A screen shot of a computer

Description automatically generated

Test Invalid Password:

- Enter an existing username with an incorrect password.

- Expected Result: You should see a message indicating an invalid password. The buttons should remain disabled.

A screen shot of a computer

Description automatically generated

\*\*Test Data 2: Playing the Game\*\*

Test Game Play :

- Logged in as a user.

- Make player's choice.

- Computer will make a random decision

- Expected Result:. Player score should increase by 1, and computer score should remain the same.

A screenshot of a computer

Description automatically generated

Test Game Play - Tie:

- Logged in as a user.

- Choose "Rock" as the player's choice.

- Computer randomly selects "Rock."

- Expected Result: You should see a message indicating a tie. Player and computer scores should remain the same.

A screen shot of a cell phone

Description automatically generated

Test Game Play - Computer Wins:

- Logged in as a user.

- Choose "Rock" as the player's choice.

- Computer randomly selects "Paper."

- Expected Result: You should see a message indicating that the computer wins. Computer score should increase by 1, and player score should remain the same.

A screen shot of a cell phone

Description automatically generated