

Computer Quiz Testing Table

| Input variable | User Input | Expected output |
|-------------------------|--|-------------------------------|
| Global yes or no (sure) | 'y' or 'yes' | Positive response action |
| | 'n' or 'no' | Negative response action |
| | '0' | Not valid input |
| | 'abc' | Not valid input |
| Enter username | Enter existing username (<i>'cheat'</i>) | Go to password |
| | Enter non-existing username | Ask to create new user |
| | 'e' | Escape login screen |
| | 'n' | Go to new user screen |
| Enter password | Enter correct password Username: <i>cheat</i> Password: <i>cheat</i> | Log in user |
| | Enter incorrect password | Password was incorrect |
| Logged in user actions | '1' | Begin quiz |
| | '2' | Show previous scores |
| | '3' | Recent scores graph |
| | '4' | View statistics |
| | '5' | Add new language |
| | '6' | Change password |
| | '7' | Delete account |
| | '8' | Log out user |
| | '0' | Not valid |
| | '9' | Not valid |
| Language select | Select a valid language option | Go to difficulty select |
| | Type an out of range integer | "That is not a valid option." |
| | "abc123" | "That is not a valid option." |
| Difficulty select | '1' | Easy difficulty |

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| | '2' | Medium Difficulty |
| | '3' | Hard difficulty |
| | '4' | Hardcore difficulty |
| | '975' | Debug mode (get answer with each question for testing) |
| | "abc" | "That is not a valid input" |
| | '0' | "That is not a valid input" |
| | '5' | "That is not a valid input" |
| | '821' | "That is not a valid input" |
| | '-3' | "That is not a valid input" |
| User answer to any question (uanswer) | '1' | Selects first option |
| | '2' | Selects second option |
| | '3' | Selects third option |
| | '4' | Selects fourth option |
| | '5' | Not valid |
| | '0' | Not valid |
| | "abc123" | Not valid |

Main Functions

Create user

| Input variable | User Input | Expected output |
|-------------------|-------------------------------------|--------------------------|
| Choose a username | Any string | Go to password |
| | 'e' | Back out to login screen |
| | 'n' | Retry |
| | Already existing username ('cheat') | Retry |
| Choose a password | Any string | Continue |
| Retype password | Passwords match | Continue |
| | Passwords don't match | Retry |

Change password

| Input variable | User Input | Expected output |
|--------------------|--|-----------------|
| Enter old password | Enter correct password Username: <i>cheat</i> Password: <i>cheat</i> | Continue |
| | Enter incorrect password | Retry |
| Choose a password | Any string | Continue |
| Retype password | Passwords match | Continue |
| | Passwords don't match | Retry |