Test matrix for Lab 1, SDEV 300 6381, John Leckie

The following table outlines testing scenarios for Lab 1. Prior to submission, I read that you required pylint results, and while I'm sure I read that beforehand, I must have forgotten. Incredibly, when I ran it, I got a 10.00. I had remembered points during the week 1 discussion where I had failed to comment and place newlines at the bottom, so I was sure to do that.



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| **Test # & Requirement Tested** | **How Tested** | **Expected Output** | **Actual Results** | **Pass (Y/N)?** |
| 1.  100% valid voter registration | Valid inputs used: John Leckie, U.S citizen=yes, age=53, state=OK, zip=73170 | Congratulatory message, and an echo of all info entered for the user. | As Expected -  Congratulations! You are registered! To confirm:  Name: John Leckie  Age: 53  U.S. Citizen: Yes  State: OK  Zipcode: 73170 | Yes |
| 2.Invalid age handling | An age that is not a reasonable age between 1 and 100. Both low and high numbers were tried: -1 and 150. | For both bad ages an error message is displayed to the user that an invalid value was entered. Requirement stated at entry point to ensure user understands the nature of the error. | As Expected | Yes |
| 3. Non-alphabetic names | Numbers and special chars used. This test encompasses both first and last names, as can be seen in the screenshot. | Entry point specifies requirement of alpha-only, to ensure message is understood when erroneously entered. | As expected | Yes |
| 4. Non-alpha country code entered | Code checks that country cannot be numbers/special characters. | Entry point specifies a two letter code must be used so that the user understands the nature of the error if applicable. | As expected | Yes |
| 5. Invalid US State | Must be two-letter code of an existing US state. Code has matrix of existing states. | Entry point specifies two letter code so that the user understands the nature of the error | As expected | Yes |
| 6. Bad zipcode | Code checks for 5 digits only | Entry point specifies, so that if an error is received, the user knows why it is not working. | As expected | Yes |

Perfect inputs baseline--



Bad ages--



Non-alpha names--



Bad country--



Bad State--



Bad Zipcode--

