Allen Taylor

SDEV 300 6382 LAB 1

Requirement:

* The application will launch and run from the command line prompt. The application will prompt the user for their first name, last name, age, country of citizenship, state of residence and zip-code.
* The output should summarize the input data and congratulate the user if they are eligible to vote and entered all of the data.

|  |  |
| --- | --- |
| Input: | Yes, USA, y, 35, y, Allen, y, Taylor, y, NY, y, 14094, y |
| Expected Output: | No Errors. |
| Actual Output: | No Errors. |

Text

Description automatically generated

Requirement:

* The user should be given options to exit the program at any time to cancel the registration process.

|  |  |
| --- | --- |
| Input: | No |
| Expected Output: | Program exits. |
| Actual Output: | Program exits. |

Text

Description automatically generated

|  |  |
| --- | --- |
| Input: | Yes, USA, Y, 18, N |
| Expected Output: | User can exit the program at any time. |
| Actual Output: | User can exit the program at any time. |

Text

Description automatically generated

Requirement:

If they are at least 18 years old and a U.S citizen, they can move forward and be prompted for the remaining questions and register to vote. If not, they should not be presented with the additional questions.

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| --- | --- |
| Input: | Yes, Scotland |
| Expected Output: | Program exits because user did not input “USA”. |
| Actual Output: | Program exits because user did not input “USA”. |

Text

Description automatically generated

|  |  |
| --- | --- |
| Input: | Yes, USA, Y, 17 |
| Expected Output: | Program exits because user is not a valid voting age. |
| Actual Output: | Program exits because user is not a valid voting age. |

Text

Description automatically generated

Requirement:

There should be some error checking logic on the input statements to make sure the age numbers entered seem reasonable (e.g., a person is probably not > 120 years) and states should be 2 letters representing only valid U.S. States.

|  |  |
| --- | --- |
| Input: | Yes, USA, Y, 0, -1, 150, Error, $$$, 18, N |
| Expected Output: | Program displays *Invalid Entry* when Age is an invalid value. |
| Actual Output: | Program displays *Invalid Entry* when Age is an invalid value. |

Text

Description automatically generated

|  |  |
| --- | --- |
| Input: | Yes, USA, y, 45, y, Allen, y, Taylor, y, Error Check, 123, $$$, New York, NY, No |
| Expected Output: | Program displays *Invalid Entry* when State is an invalid value. |
| Actual Output: | Program displays *Invalid Entry* when State is an invalid value. |

Text

Description automatically generated

Requirement:

* The application should prompt the user for the needed questions to complete the registration and re-prompt when data is invalid giving the user the opportunity to retry.

|  |  |
| --- | --- |
| Input: | Yes, USA, y, 35, y, $$$$, 33333, Allen, y, 44444, $$$$, Taylor, y, check, NY, y, 6666666666666666666, zip, 14094, y |
| Expected Output: | Program displays *Invalid Entry* when bad data is entered. |
| Actual Output: | Program displays *Invalid Entry* when bad data is entered. |

Text

Description automatically generated

Text

Description automatically generated

Pylint Output:

Text

Description automatically generated