TEST #	INPUT	EXPECTED	ACTUAL	PASS/FAIL

1	AGE: 21	Next question.. would you like to continue?	Enter Age: 21
			        Next question...
			Would you like to continue voter registration? (yes or no)yes
			        Next question...
				PASS

2	CITIZEN STATUS: YES	Would you like to continue registration?	Are you a U.S. Citizen? (yes or no)yes Would you like to continue voter registration? (yes or no)	PASS

3	AGE: 21
	STATUS: yes
	END PROGRAM?: yes
		An appreciation message to the user for using application	Enter Age: 21
			        Next question...
			Would you like to continue voter registration? (yes or no)yes
			        Next question...
			Are you a U.S. Citizen? (yes or no)yes
			Would you like to continue voter registration? (yes or no)no
			        Thank you for using this application, hope to see you soon!
				PASS

4	AGE: 31
	STATUS: YES
	CONTINUE PROGRAM?:
	NAME:Thomas Johnson
	CONTINUE PROGRAM?: yes
	STATE: md
	CONTINUE PROGRAM?: yes
	ZIPCODE:21046
		Once entered name, a thank you to (name) continuing the display of all entered information will happen after the zipcode is entered. Included a congrats for registering	Enter Age: 31
			        Next question...
			Would you like to continue voter registration? (yes or no)yes
			        Next question...
			Are you a U.S. Citizen? (yes or no)yes
			Would you like to continue voter registration? (yes or no)yes
			        Next question...
			Enter First name: Thomas
			Enter Last name: Johnson
			
			Thank you,Thomas
			Would you like to continue voter registration? (yes or no)yes
			        Next question...
				PASS

			Enter the state in which you live? (ie:MD,PA,VA): md
			Would you like to continue voter registration? (yes or no)yes
			     Next question...
			Enter Zipcode: 21046
			
			     Congratulations, you have finished voter registration! You entered the following:
			####################
			     Name(F,L):('Thomas', 'Johnson')
			     U.S. Citizen?:Yes
			     Age:31
			     State of Residence:MD
			     Zipcode:21046
			####################
			Thank you for registering to vote!	

5	AGE:27
	STATUS: yes
	CONTINUE PROGRAM?:yes
	NAME: Jane Frame
	CONTINUE PROGRAM?: yes
	STATE:wa
	CONTINUE PROGRAM?:234
		Should give error message then repeat the question	############# Welcome To Voter Registration Application! ##########
			     Let's begin registration!
			Enter Age: 27
			     Next question...
			Would you like to continue voter registration? (yes or no)yes
			     Next question...
			Are you a U.S. Citizen? (yes or no)yes
			Would you like to continue voter registration? (yes or no)yes
			     Next question...
			Enter First name: Jane
			Enter Last name: Frame
			
			Thank you,Jane
				PASS

			Would you like to continue voter registration? (yes or no)234 There seems to be an error, invalid input, try again! Would you like to continue voter registration? (yes or no)	

6	AGE: 15	Error message saying age did not meet requirement to continue then exit program	############ Welcome To Voter Registration Application! ##########
			       Let's begin registration!
			Enter Age: 15
			       Unfortunately, the entered age does not meet age requirements to continue!
				PASS

7	AGE: 130	Error message stating the age seems incorrect. Then repeats question	############ Welcome To Voter Registration Application! ##########
			       Let's begin registration!
			Enter Age: 130
			       Hmm... Seems unlikely, please try again!
				PASS

8	CITIZEN STATUS:wieuhf	Error message with a repeat of question	############ Welcome To Voter Registration Application! ##########
			       Let's begin registration!
			Enter Age: 23
			       Next question...
			Would you like to continue voter registration? (yes or no)yes
			       Next question...
			Are you a U.S. Citizen? (yes or no)wieuhf
			       There seems to be an error, invalid input, try again! Are you a U.S. Citizen? (yes or no)
				PASS

9	AGE: 18 STATUS: yes CONTINUE PROGRAM?:37&	Error message and repeat of question this is in essence the same test case as 5.	############ Welcome To Voter Registration Application! ########## Let's begin registration!	PASS

		However, this is to test error handling in a different part of the program.	Enter Age: 18 　　Next question... Would you like to continue voter registration? (yes or no)yes 　　Next question... Are you a U.S. Citizen? (yes or no)yes Would you like to continue voter registration? (yes or no)37& 　　There seems to be an error, invalid input, try again! Would you like to continue voter registration? (yes or no)	
10	AGE: 20 STATUS: yes CONTINUE PROGRAM?: yes NAME:John Smith CONTINUE PROGRAM?:yes STATE: weh	Error message stating that the State must be 2 letters. Then a repeat of question	############# Welcome To Voter Registration Application! ########## 　　Let's begin registration! Enter Age: 20 　　Next question... Would you like to continue voter registration? (yes or no)yes 　　Next question... Are you a U.S. Citizen? (yes or no)yes Would you like to continue voter registration? (yes or no)yes 　　Next question... Enter First name: John Enter Last name: Smith Thank you,John Would you like to continue voter registration? (yes or no)yes 　　Next question... Enter the state in which you live? (ie:MD,PA,VA): weh 　　State must be in two letter format! (MD) Enter the state in which you live? (ie:MD,PA,VA):	PASS

| 11 | AGE: 120
STATUS: yes
CONTINUE
PROGRAM?: yes
NAME: Toby
Mcguire
CONTINUE
PROGRAM?: yes
STATE: ca
CONTINUE
PROGRAM?: yes
ZIPCODE: 213453 | Error message stating zip must be 5 digits and a repeat of prompt | ############ Welcome To Voter Registration Application! ##########
     Let's begin registration!
Enter Age: 120
     Next question...
Would you like to continue voter registration? (yes or no)yes
     Next question...
Are you a U.S. Citizen? (yes or no)yes
Would you like to continue voter registration? (yes or no)yes
     Next question...
Enter First name: toby
Enter Last name: mcguire

Thank you,Toby
Would you like to continue voter registration? (yes or no)yes
     Next question...
Enter the state in which you live? (ie:MD,PA,VA): ca
Would you like to continue voter registration? (yes or no)yes
     Next question...
Enter Zipcode: 213453
     Invalid input, must be 5 digits! please try again! (ie: 21158)
Enter Zipcode: | PASS |

Test Case Screen Shots:
#1

```
120    splay all entered data.
121    t('\n\tCongratulations, you have finished voter registration! You entered t
122    t('####################')
123    t(f'\tName(F,L):{NAME}\n'
124      f'\tU.S. Citizen?:{COUNTRY}\n'
125      f'\tAge:{AGE}\n'
126      f'\tState of Residence:{STATE}\n'
127      f'\tZipcode:{CODE}')
128    t('####################')
129    t('Thank you for registering to vote!')
130
```

valid_age() › while True › elif age > 120

Run: lab_one_voter_reg ×

```
"/Users/joelgoode/Desktop/SDEV 300/bin/Python" /Users/joelgoode/PycharmPro
########### Welcome To Voter Registration Application! ##########
        Let's begin registration!
Enter Age: 21
        Next question...
Would you like to continue voter registration? (yes or no)
```

#2


```
        Next question...
Are you a U.S. Citizen? (yes or no)yes
Would you like to continue voter registration? (yes or no)
```

#3

#4
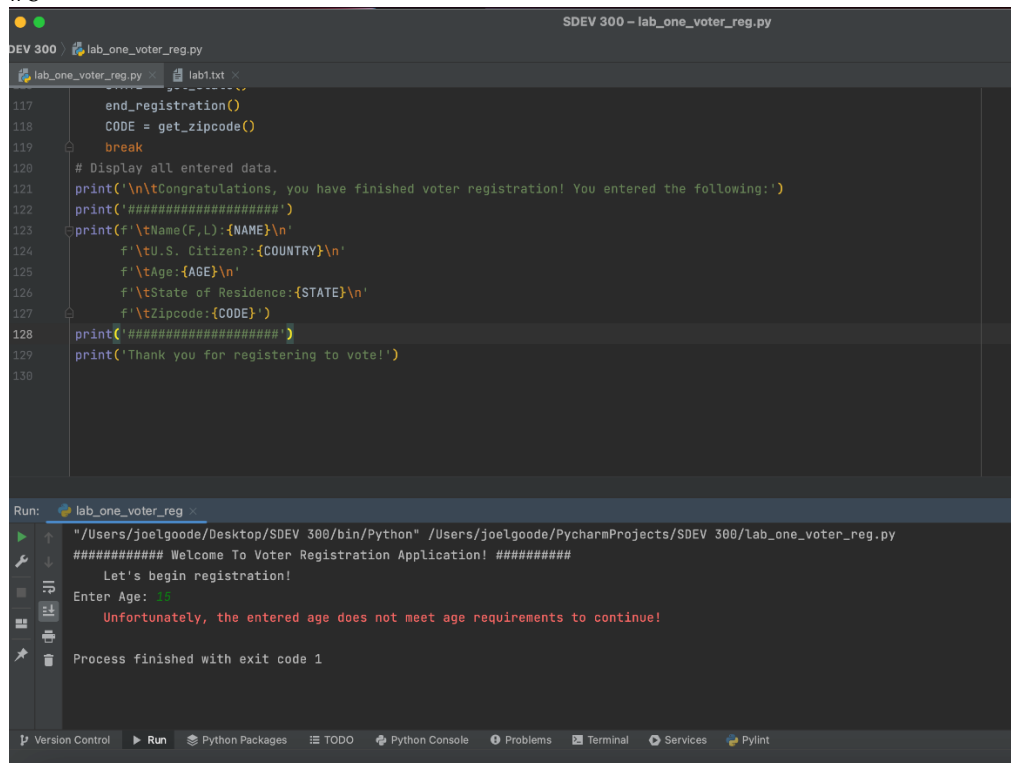
#5


```
128   print('####################')
129   print('Thank you for registering to vote!')
130
```

```
"/Users/joelgoode/Desktop/SDEV 300/bin/Python" /Users/joelgoode/PycharmPro
########### Welcome To Voter Registration Application! ##########
        Let's begin registration!
Enter Age: 27
        Next question...
Would you like to continue voter registration? (yes or no)yes
        Next question...
Are you a U.S. Citizen? (yes or no)yes
Would you like to continue voter registration? (yes or no)yes
        Next question...
Enter First name: Jane
Enter Last name: Frame

Thank you,Jane
Would you like to continue voter registration? (yes or no)234
        There seems to be an error, invalid input, try again!
Would you like to continue voter registration? (yes or no)
```
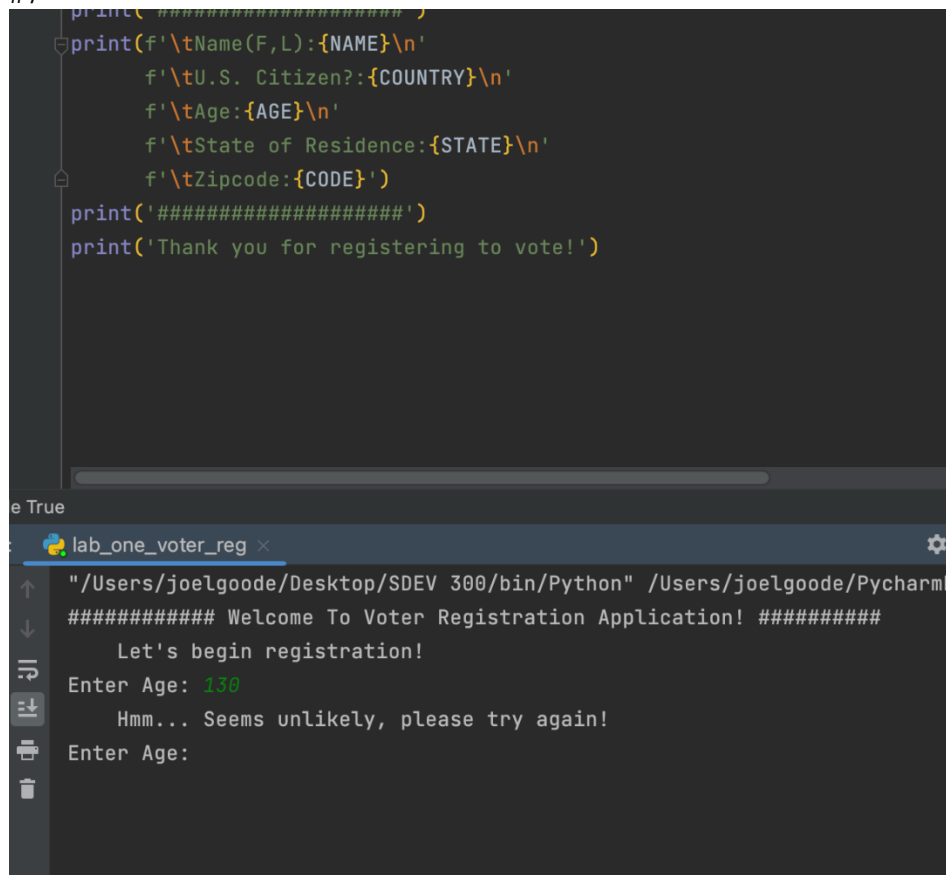
#6


```
117         end_registration()
118         CODE = get_zipcode()
119         break
120     # Display all entered data.
121     print('\n\tCongratulations, you have finished voter registration! You entered the following:')
122     print('####################')
123     print(f'\tName(F,L):{NAME}\n'
124           f'\tU.S. Citizen?:{COUNTRY}\n'
125           f'\tAge:{AGE}\n'
126           f'\tState of Residence:{STATE}\n'
127           f'\tZipcode:{CODE}')
128     print('####################')
129     print('Thank you for registering to vote!')
130
```

```
Run:   lab_one_voter_reg

"/Users/joelgoode/Desktop/SDEV 300/bin/Python" /Users/joelgoode/PycharmProjects/SDEV 300/lab_one_voter_reg.py
########## Welcome To Voter Registration Application! ##########
    Let's begin registration!
Enter Age: 15
    Unfortunately, the entered age does not meet age requirements to continue!

Process finished with exit code 1
```

Version Control   ▶ Run   Python Packages   TODO   Python Console   Problems   Terminal   Services   Pylint

#7

```
print('####################')
print(f'\tName(F,L):{NAME}\n'
      f'\tU.S. Citizen?:{COUNTRY}\n'
      f'\tAge:{AGE}\n'
      f'\tState of Residence:{STATE}\n'
      f'\tZipcode:{CODE}')
print('####################')
print('Thank you for registering to vote!')
```

e True

```
lab_one_voter_reg

"/Users/joelgoode/Desktop/SDEV 300/bin/Python" /Users/joelgoode/PycharmP
########## Welcome To Voter Registration Application! ##########
    Let's begin registration!
Enter Age: 130
    Hmm... Seems unlikely, please try again!
Enter Age:
```

#8

```
print('###################')
print(f'\tName(F,L):{NAME}\n'
      f'\tU.S. Citizen?:{COUNTRY}\n'
      f'\tAge:{AGE}\n'
      f'\tState of Residence:{STATE}\n'
      f'\tZipcode:{CODE}')
print('###################')
print('Thank you for registering to vote!')
```

e True

lab_one_voter_reg ×

```
"/Users/joelgoode/Desktop/SDEV 300/bin/Python" /Users/joelgoode/PycharmP
########### Welcome To Voter Registration Application! ##########
    Let's begin registration!
Enter Age: 23
    Next question...
Would you like to continue voter registration? (yes or no)yes
    Next question...
Are you a U.S. Citizen? (yes or no)wieuhf
    There seems to be an error, invalid input, try again!
Are you a U.S. Citizen? (yes or no)
```

#9

```
print('####################')
print(f'\tName(F,L):{NAME}\n'
      f'\tU.S. Citizen?:{COUNTRY}\n'
      f'\tAge:{AGE}\n'
      f'\tState of Residence:{STATE}\n'
      f'\tZipcode:{CODE}')
print('####################')
print('Thank you for registering to vote!')
```

e True

lab_one_voter_reg ×

```
"/Users/joelgoode/Desktop/SDEV 300/bin/Python" /Users/joelgoode/PycharmP
########### Welcome To Voter Registration Application! ##########
    Let's begin registration!
Enter Age: 18
    Next question...
Would you like to continue voter registration? (yes or no)yes
    Next question...
Are you a U.S. Citizen? (yes or no)yes
Would you like to continue voter registration? (yes or no)37&
    There seems to be an error, invalid input, try again!
Would you like to continue voter registration? (yes or no)
```

#10

```python
print('####################')
print(f'\tName(F,L):{NAME}\n'
      f'\tU.S. Citizen?:{COUNTRY}\n'
      f'\tAge:{AGE}\n'
      f'\tState of Residence:{STATE}\n'
      f'\tZipcode:{CODE}')
print('####################')
print('Thank you for registering to vote!')
```

e True

lab_one_voter_reg ×   ⚙

```
      Next question...
Would you like to continue voter registration? (yes or no)yes
      Next question...
Are you a U.S. Citizen? (yes or no)yes
Would you like to continue voter registration? (yes or no)yes
      Next question...
Enter First name: John
Enter Last name: Smith

Thank you,John
Would you like to continue voter registration? (yes or no)yes
      Next question...
Enter the state in which you live? (ie:MD,PA,VA): weh
      State must be in two letter format! (MD)
Enter the state in which you live? (ie:MD,PA,VA): |
```

#11

lab_one_voter_reg.py ×   lab1.txt ×

```
118     CODE = get_zipcode()                              ⚠5 ⌃
119         break
120   # Display all entered data.
121   print('\n\tCongratulations, you have finished voter registration! You en
122   print('####################')
123   print(f'\tName(F,L):{NAME}\n'
124         f'\tU.S. Citizen?:{COUNTRY}\n'
125         f'\tAge:{AGE}\n'
126         f'\tState of Residence:{STATE}\n'
127         f'\tZipcode:{CODE}')
128   print('####################')
129   print('Thank you for registering to vote!')
130
```

while True

Run: lab_one_voter_reg ×   ⚙

```
########### Welcome To Voter Registration Application! ##########
      Let's begin registration!
Enter Age: 120
      Next question...
Would you like to continue voter registration? (yes or no)yes
      Next question...
Are you a U.S. Citizen? (yes or no)yes
Would you like to continue voter registration? (yes or no)yes
      Next question...
Enter First name: toby
Enter Last name: mcguire

Thank you,Toby
Would you like to continue voter registration? (yes or no)yes
      Next question...
Enter the state in which you live? (ie:MD,PA,VA): ca
Would you like to continue voter registration? (yes or no)yes
      Next question...
Enter Zipcode: 213453
      Invalid input, must be 5 digits! please try again! (ie: 21158)
Enter Zipcode: |
```

PYLINT Results: 9.42/10