

phd-test-anon.csv - Lab3 - Visual Studio Code

EXPLORER

OPEN EDITORS

- import.py
- phd-test-anon.csv

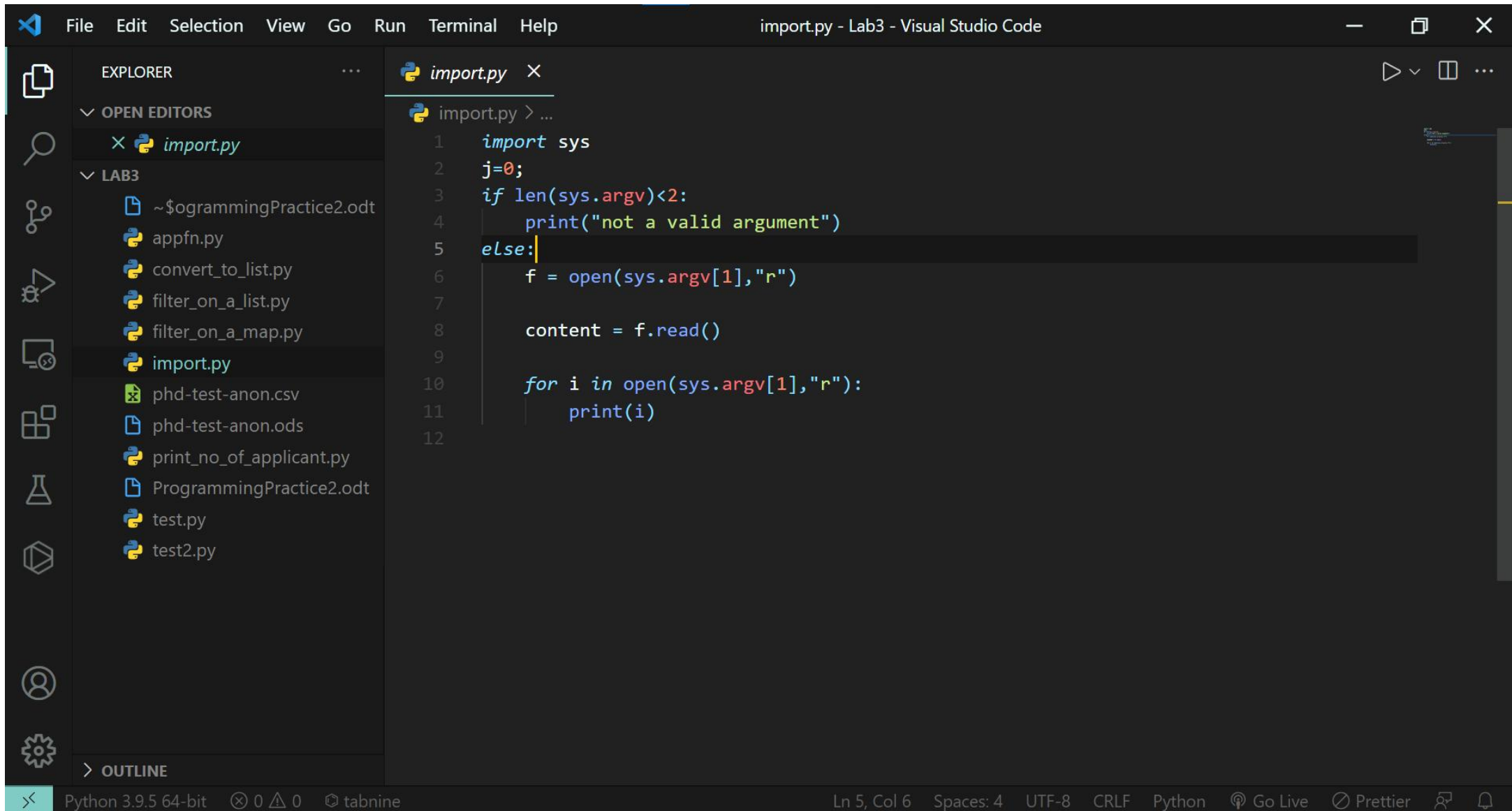
LAB3

- ~\$ogrammingPractice2.odt
- appfn.py
- convert_to_list.py
- filter_on_a_list.py
- filter_on_a_map.py
- import.py
- phd-test-anon.csv
- phd-test-anon.ods
- print_no_of_applicant.py
- ProgrammingPractice2.odt
- test.py
- test2.py

OUTLINE

```
1  |Sr. no.,Reg. no.,Name,1.1,1.2,1.3,1.4,1.5,1.tot,2.1,2.2,2.3,2.4,2.5,2.tot,3.1,3.2,3.3,
2  |1,R1,Name1R1,4,5,0,5,0,14,NA,NA,NA,NA,NA,0,NA,4,0,1,5,10,NA,5,NA,NA,NA,0,1,6,30,2,,
3  |2,R2,Name2R2,NA,NA,0,NA,NA,0,1,0,0,0,0,1,0,4,2,0,0,6,0,1,0,0,NA,2.5,1,4.5,11.5,2,,
4  |3,R3,Name3R3,0,NA,0,0,NA,0,NA,NA,NA,NA,NA,NA,0,NA,4,3,2,2.5,11.5,2.5,4,NA,NA,NA,1.5,2,10,
5  |4,R4,Name4R4,NA,5,0,0,0,5,5,NA,NA,NA,0,5,NA,0,0,4,0,4,0,NA,0,NA,0,0,0,0,14,2,,
6  |5,R5,Name5R5,0,1,0,0,0,1,NA,NA,NA,NA,NA,NA,0,NA,0,1,5,0,6,NA,0,0,NA,0,2,0,2,9,2,,
7  |6,R6,Name6R6,3,5,0,0,NA,8,0,NA,0,NA,0,0,0,0,NA,NA,0,0,NA,NA,NA,NA,NA,0.5,0,0.5,8.5,2,,
8  |7,R7,Name7R7,5,5,0,5,0,15,1,0,0,0,0,1,NA,NA,NA,NA,2.5,2.5,NA,NA,NA,NA,NA,NA,NA,0,18.5,
9  |8,R8,Name8R8,0,1,0,0,0,1,NA,NA,NA,NA,0,0,0,2,0,4.5,0,6.5,0,NA,0,0,2.5,0,0,2.5,10,2,,
10 |9,R9,Name9R9,5,5,0,0,0,10,NA,NA,NA,NA,NA,NA,0,0,4,1,3,0,8,NA,NA,NA,1,0,2.5,1,4.5,22.5,2,,
11 |10,R10,Name10R10,5,1,0,5,0,11,0,0,2,0,0,2,NA,NA,NA,NA,NA,0,0,0,0,NA,0,NA,2,2,15,2,,
12 |11,R11,Name11R11,1,1,0,NA,NA,2,1,1,0,NA,NA,2,NA,NA,NA,NA,NA,0,0,NA,0,NA,0,NA,1,1,5,2,,
13 |12,R12,Name12R12,0,2,0,0,0,2,NA,NA,NA,NA,NA,NA,0,0,5,1,5,2.5,13.5,NA,4,NA,0,5,0.5,3,12.5,
14 |13,R13,Name13R13,0,0,0,NA,NA,0,0,NA,NA,NA,NA,NA,0,NA,NA,NA,NA,NA,0,NA,NA,NA,NA,NA,NA,NA,0
15 |14,R14,Name14R14,NA,NA,0,0,NA,0,NA,0,0,0,0,0,0,NA,0,1,2,0,3,0,0,0,NA,NA,3,1,4,7,2,,
16 |15,R15,Name15R15,5,1,0,4,0,10,5,0,0,0,NA,5,NA,NA,NA,NA,NA,0,0,NA,0,0,NA,0,0,0,15,2,,
17 |16,R16,Name16R16,0,1,0,NA,NA,1,NA,NA,NA,NA,NA,NA,0,NA,5,1,NA,0,6,NA,NA,0,NA,NA,0,1,1,8,2,
18 |17,R17,Name17R17,0,2,0,0,0,2,NA,NA,NA,NA,NA,NA,0,0,3,1,5,0,9,NA,NA,0,0,0,1.5,0,1.5,12.5,2
19 |18,R18,Name18R18,5,NA,0,0,0,5,NA,NA,NA,NA,NA,NA,0,NA,4,2,0,0,6,0,0,NA,NA,0,0,1,1,12,2,,
20 |19,R19,Name19R19,0,5,0,5,0,10,5,NA,0,NA,NA,5,NA,NA,NA,NA,NA,0,NA,NA,NA,NA,NA,NA,NA,0,1
21 |20,R20,Name20R20,5,2,0,5,5,17,1,NA,0,NA,0,1,NA,NA,NA,NA,NA,0,NA,NA,0,NA,NA,1.5,1,2.5,2
22 |21,R21,Name21R21,3,5,0,0,NA,8,NA,NA,NA,NA,NA,NA,0,NA,3,NA,0,0,3,NA,NA,NA,0,0,2,0,2,13,2,,
23 |22,R22,Name22R22,0,2,0,0,0,2,NA,NA,NA,NA,NA,NA,0,0,0,0,0,0,0,0,0,0,0,2.5,1,3.5,5.5,2,,
24 |23,R23,Name23R23,0,1,0,0,0,1,NA,NA,NA,NA,NA,NA,0,0,1,0,0,0,1,NA,0,0,0,NA,0.5,1,1.5,3.5,2,
```

Python 3.9.5 64-bit 0 0 0 tabnine Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Plain Text Go Live Prettier



File Edit Selection View Go Run Terminal Help

import.py - Lab3 - Visual Studio Code

EXPLORER

OPEN EDITORS

import.py

LAB3

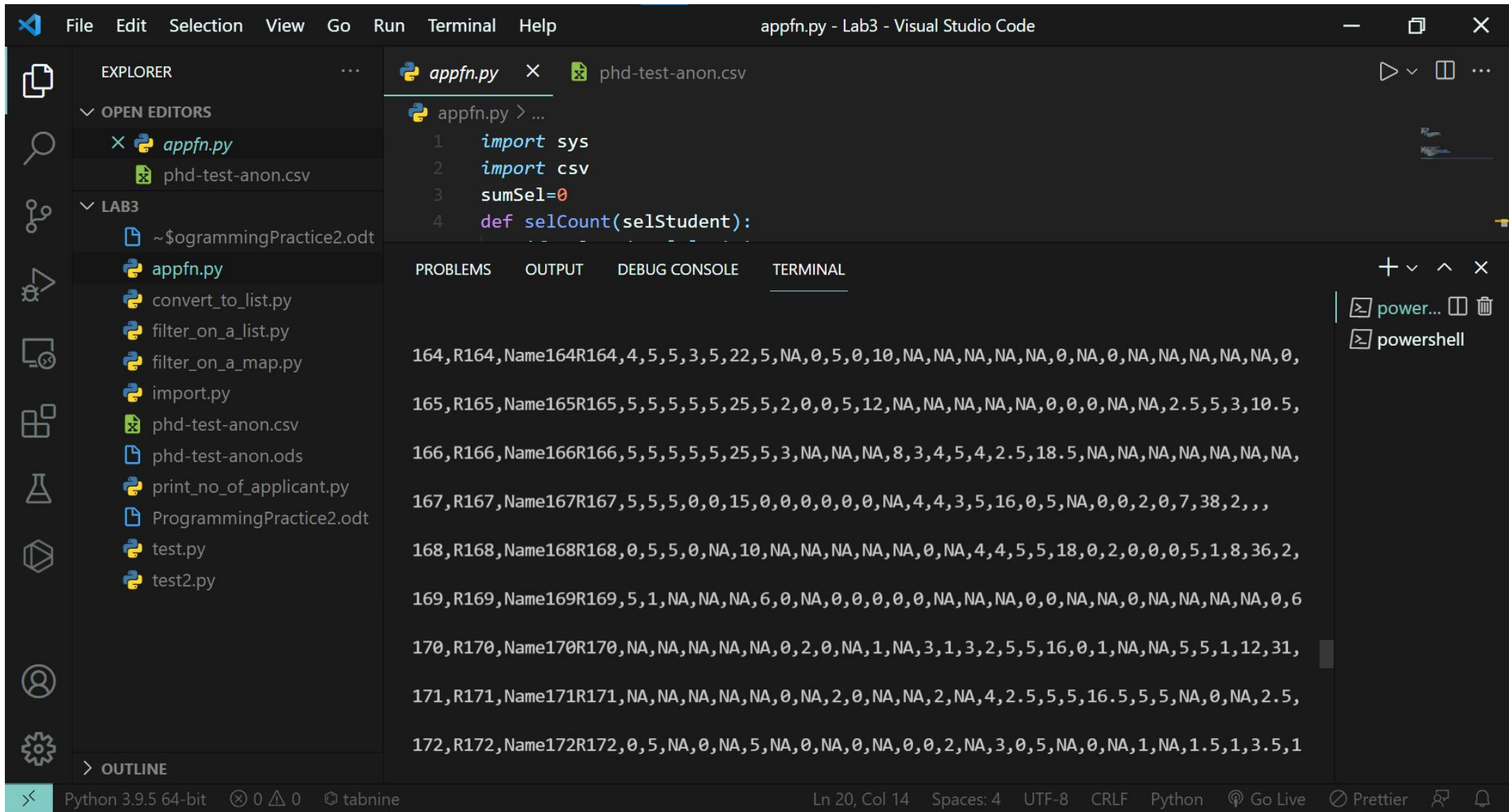
- ~\$ogrammingPractice2.odt
- appfn.py
- convert_to_list.py
- filter_on_a_list.py
- filter_on_a_map.py
- import.py
- phd-test-anon.csv
- phd-test-anon.ods
- print_no_of_applicant.py
- ProgrammingPractice2.odt
- test.py
- test2.py

import.py

```
1 import sys
2 j=0;
3 if len(sys.argv)<2:
4     print("not a valid argument")
5 else:
6     f = open(sys.argv[1],"r")
7
8     content = f.read()
9
10    for i in open(sys.argv[1],"r"):
11        print(i)
12
```

Python 3.9.5 64-bit 0 0 tabnine Ln 5, Col 6 Spaces: 4 UTF-8 CRLF Python Go Live Prettier

Q2 T



Visual Studio Code interface showing a Python file named `appfn.py` and a CSV file named `phd-test-anon.csv`.

The code in `appfn.py` is as follows:

```
1 import sys
2 import csv
3 sumSel=0
4 def selCount(selStudent):
```

The terminal output shows the results of the program, which is a list of rows from the CSV file, each containing a row number, a name, and a list of values:

```
164,R164,Name164R164,4,5,5,3,5,22,5,NA,0,5,0,10,NA,NA,NA,NA,NA,0,NA,0,NA,NA,NA,NA,NA,0,
165,R165,Name165R165,5,5,5,5,5,25,5,2,0,0,5,12,NA,NA,NA,NA,NA,0,0,0,NA,NA,2.5,5,3,10.5,
166,R166,Name166R166,5,5,5,5,5,25,5,3,NA,NA,NA,8,3,4,5,4,2.5,18.5,NA,NA,NA,NA,NA,NA,NA,
167,R167,Name167R167,5,5,5,0,0,15,0,0,0,0,0,0,NA,4,4,3,5,16,0,5,NA,0,0,2,0,7,38,2,,
168,R168,Name168R168,0,5,5,0,NA,10,NA,NA,NA,NA,NA,0,NA,4,4,5,5,18,0,2,0,0,0,5,1,8,36,2,
169,R169,Name169R169,5,1,NA,NA,NA,6,0,NA,0,0,0,0,0,NA,NA,NA,0,0,NA,NA,0,NA,NA,NA,NA,0,6
170,R170,Name170R170,NA,NA,NA,NA,NA,0,2,0,NA,1,NA,3,1,3,2,5,5,16,0,1,NA,NA,5,5,1,12,31,
171,R171,Name171R171,NA,NA,NA,NA,NA,0,NA,2,0,NA,NA,2,NA,4,2.5,5,5,16.5,5,5,NA,0,NA,2.5,
172,R172,Name172R172,0,5,NA,0,NA,5,NA,0,NA,0,NA,0,0,2,NA,3,0,5,NA,0,NA,1,NA,1.5,1,3.5,1
```

Q2 C

The image shows a Visual Studio Code window titled "print_no_of_applicant.py - Lab3 - Visual Studio Code". The interface includes a menu bar (File, Edit, Selection, View, Go, Run, Terminal, Help), a sidebar with icons for Explorer, Search, Source Control, Run and Debug, and Extensions, and a main editor area.

EXPLORER

- OPEN EDITORS
 - print_no_of_applicant.py
- LAB3
 - ~\$ogrammingPractice2.odt
 - appfn.py
 - convert_to_list.py
 - filter_on_a_list.py
 - filter_on_a_map.py
 - import.py
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 - phd-test-anon.ods
 - print_no_of_applicant.py
 - ProgrammingPractice2.odt
 - test.py
 - test2.py
- OUTLINE

print_no_of_applicant.py

```
1 import sys
2 j=0;
3 if len(sys.argv)<2:
4     print("not a valid argument")
5 else:
6     f = open(sys.argv[1],"r")
7
8     content = f.read()
9
10    for i in open(sys.argv[1],"r"):
11        if i[0].isdigit():
12
13            j+=1
14 print(j)
15
```

TERMINAL

```
203
PS C:\Users\sudeep\Desktop\Lab3>
```

The image shows a Visual Studio Code window titled "print_no_of_applicant.py - Lab3 - Visual Studio Code". The interface includes a menu bar (File, Edit, Selection, View, Go, Run, Terminal, Help), a sidebar with icons for Explorer, Search, Source Control, Run and Debug, Extensions, Testing, and Account, and a main editor area.

EXPLORER

- OPEN EDITORS
 - print_no_of_applicant.py
- LAB3
 - ~\$ogrammingPractice2.odt
 - appfn.py
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 - ProgrammingPractice2.odt
 - test.py
 - test2.py
- OUTLINE

print_no_of_applicant.py

```
1 import sys
2 j=0;
3 if len(sys.argv)<2:
4     print("not a valid argument")
5 else:
6     f = open(sys.argv[1],"r")
7
8     content = f.read()
```

TERMINAL

Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

```
PS C:\Users\sudeep\Desktop\Lab3> python C:\Users\sudeep\Desktop\Lab3\print_no_of_applicant.py C:\Users\sudeep\Desktop\Lab3\phd-test-anon.csv
203
PS C:\Users\sudeep\Desktop\Lab3>
```

STATUS BAR

Python 3.9.5 64-bit 0 0 tabnine Ln 14, Col 21 Spaces: 4 UTF-8 CRLF Python Go Live Prettier

The image shows a Visual Studio Code editor window with the title bar "convert_to_list.py - Lab3 - Visual Studio Code". The interface includes a menu bar (File, Edit, Selection, View, Go, Run, Terminal, Help), a sidebar with icons for Explorer, Search, Source Control, Run and Debug, Extensions, Testing, Accounts, and Settings. The Explorer sidebar shows a file tree for "LAB3" containing files like "convert_to_list.py", "filter_on_a_list.py", "filter_on_a_map.py", "import.py", "phd-test-anon.csv", "phd-test-anon.ods", "print_no_of_applicant.py", "test.py", and "test2.py". The main editor area displays the code for "convert_to_list.py":

```
1 import sys
2 import csv
3
4
5
6
7
8
9
10 if len(sys.argv)<2:
11     print("not a valid argument")
12 else:
13
14     with open('phd-test-anon.csv',"r") as f:
15         csv_reader=csv.reader(f)
16
17
18         for i in csv_reader:
19             if i[0].isdigit():
20                 print(i)
```

Below the code editor, the "TERMINAL" tab is active, showing the command prompt output:

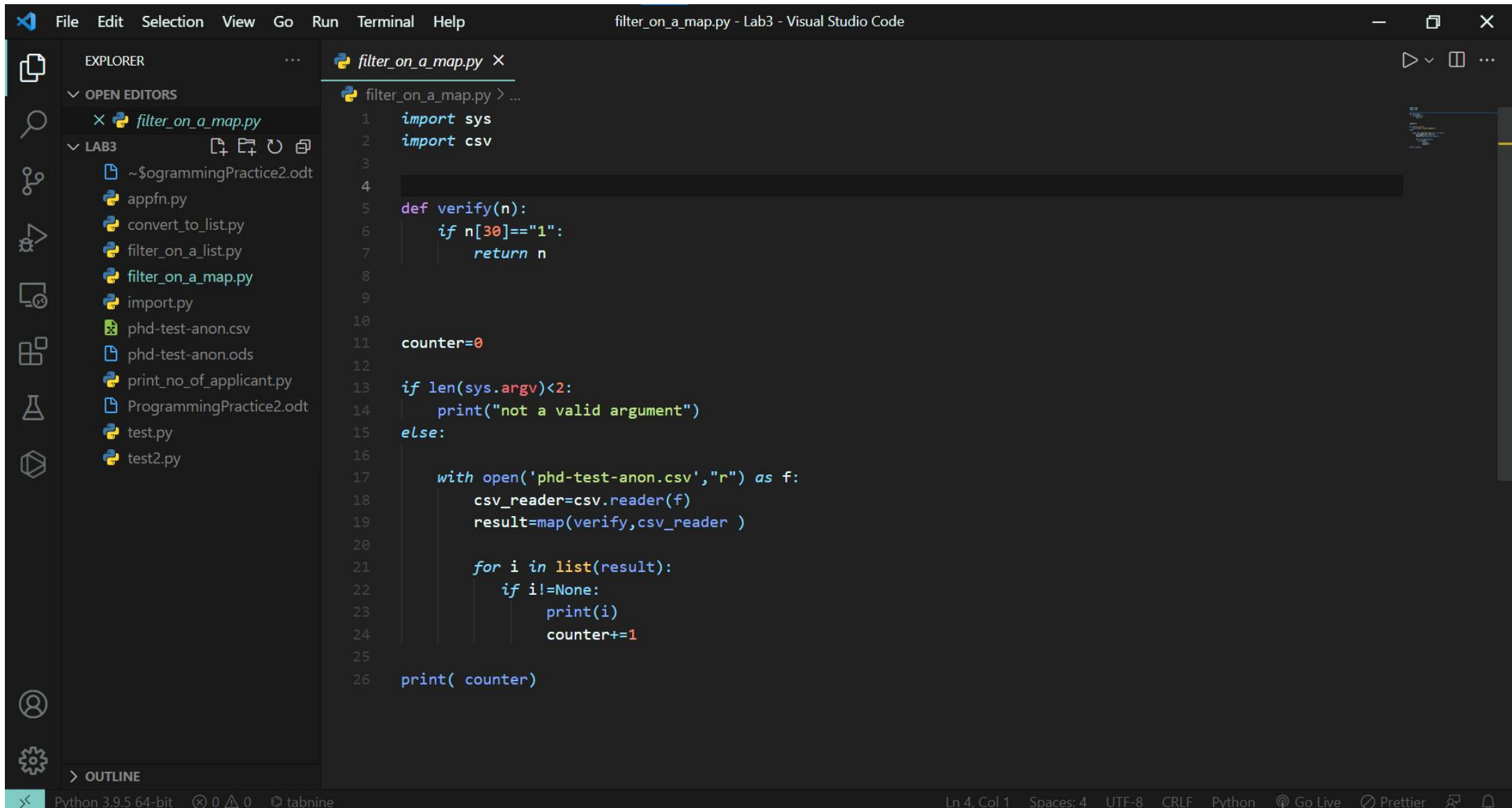
```
3.5', '2', '', '', '']
PS C:\Users\sudeep\Desktop\Lab3>
```

The status bar at the bottom indicates "Python 3.9.5 64-bit", "0 errors, 0 warnings", "tabnine", "Ln 18, Col 29", "Spaces: 4", "UTF-8", "CRLF", "Python", "Go Live", "Prettier", and other icons.

Q3 T

[illegible]

Q4 C



filter_on_a_map.py - Lab3 - Visual Studio Code

EXPLORER

OPEN EDITORS

- filter_on_a_map.py

LAB3

- ~\$ogrammingPractice2.odt
- appfn.py
- convert_to_list.py
- filter_on_a_list.py
- filter_on_a_map.py
- import.py
- phd-test-anon.csv
- phd-test-anon.ods
- print_no_of_applicant.py
- ProgrammingPractice2.odt
- test.py
- test2.py

filter_on_a_map.py

```
1 import sys
2 import csv
3
4
5 def verify(n):
6     if n[30]=="1":
7         return n
8
9
10
11 counter=0
12
13 if len(sys.argv)<2:
14     print("not a valid argument")
15 else:
16
17     with open('phd-test-anon.csv',"r") as f:
18         csv_reader=csv.reader(f)
19         result=map(verify,csv_reader )
20
21         for i in list(result):
22             if i!=None:
23                 print(i)
24                 counter+=1
25
26 print( counter)
```

Python 3.9.5 64-bit 0 0 tabnine Ln 4, Col 1 Spaces: 4 UTF-8 CRLF Python Go Live Prettier

Q4 T

The image shows a Visual Studio Code window with the file `filter_on_a_map.py` open. The Explorer sidebar on the left shows a project named `LAB3` with several files, including `filter_on_a_map.py`. The main editor area displays the Python code for `filter_on_a_map.py`, which includes imports for `sys` and `csv`. The TERMINAL panel at the bottom shows the command `python C:\Users\sudeep\Desktop\Lab3\filter_on_a_map.py C:\Users\sudeep\Desktop\Lab3\phd-test-anon.csv` being executed. The output of the script is a list of 15 rows of data, each containing a row number, a name, and a list of numerical values. The status bar at the bottom indicates the Python version is 3.9.5 64-bit, and the file encoding is UTF-8.

```
filter_on_a_map.py
1 import sys
2 import csv
3
4
```

Try the new cross-platform PowerShell <https://aka.ms/powershell>

```
PS C:\Users\sudeep\Desktop\Lab3> python C:\Users\sudeep\Desktop\Lab3\filter_on_a_map.py C:\Users\sudeep\Desktop\Lab3\phd-test-anon.csv
[ '69', 'R69', 'Name69R69', '5', '5', '2', '5', '0', '17', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '3', '5', '4', '5', '5', '22', '0', '2.5', 'NA', '5', 'NA', '3', '2', '12.5', '51.5', '1', '', '', '' ]
[ '100', 'R100', 'Name100R100', '0', '5', '5', '3', '5', '18', '5', '3', '0', 'NA', '0', '8', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '0', '4', 'NA', 'NA', 'NA', 'NA', 'NA', '2', '6', '32', '1', '', '', '' ]
[ '102', 'R102', 'Name102R102', '5', '5', '5', '0', '0', '15', '0', '0', '0', '0', '0', '0', 'NA', 'NA', 'NA', 'NA', 'NA', '0', 'NA', '0', '0', '0', 'NA', '0', '1.5', '0', '1.5', '16.5', '1', '', '', '' ]
[ '103', 'R103', 'Name103R103', '5', '5', '5', '5', 'NA', '20', '5', 'NA', 'NA', '1', 'NA', '6', '2', 'NA', 'NA', '5', '5', '5', '12', 'NA', 'NA', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '38', '1', '', '', '' ]
[ '106', 'R106', 'Name106R106', '5', '5', '5', '3', '5', '23', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '0', '5', '5', '5', '5', '20', '0', '4', 'NA', '0', 'NA', '0', '2', '6', '49', '1', '', '', '' ]
[ '108', 'R108', 'Name108R108', '5', '5', '5', '0', 'NA', '15', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '0', '5', '1', '5', '2.5', '13.5', '2.5', '0', 'NA', '2', 'NA', '5', '2', '11.5', '40', '1', '', '', '' ]
[ '109', 'R109', 'Name109R109', '5', '5', '5', '0', '0', '15', 'NA', 'NA', 'NA', 'NA', 'NA', '0', 'NA', '4', '1', '5', '5', '15', 'NA', 'NA', '0', 'NA', '0', '3', '0', '3', '33', '1', '', '', '' ]
[ '111', 'R111', 'Name111R111', '5', '1', '5', '5', '0', '16', '1', '0', '0', '0', '0', '1', '0', '0', '0', '1', '2.5', '3.5', 'NA', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '20.5', '1', '', '', '' ]
[ '112', 'R112', 'Name112R112', '5', '5', '5', 'NA', 'NA', '15', 'NA', 'NA', 'NA', 'NA', 'NA', '0', 'NA', '4', 'NA', '5', '5', '14', 'NA', 'NA', 'NA', 'NA', 'NA', '1.5', '1', '2.5', '31.5', '1', '', '', '' ]
[ '121', 'R121', 'Name121R121', '5', '5', '5', 'NA', 'NA', '15', 'NA', 'NA', 'NA', 'NA', 'NA', '0', 'NA', '3', '5', 'NA', '5', '13', '0', '5', '0', '0', '0', '0', '1', '6', '34', '1', '', '', '' ]
[ '144', 'R144', 'Name144R144', 'NA', '5', '5', '5', '0', '15', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '3', '4', '5', '5', '2.5', '19.5', 'NA', 'NA', 'NA', 'NA', '5', '1', '9', '43.5', '1', '', '', '' ]
[ '145', 'R145', 'Name145R145', '5', '5', '5', 'NA', 'NA', '0', '15', '5', '3', '0', '0', '8', '5', '5', '4', '5', '5', '24', 'NA', 'NA', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '47', '1', '', '', '' ]
```

File

Edit

Selection

View

Go

Run

Terminal

Help

filter_on_a_map.py - Lab3 - Visual Studio Code

filter_on_a_map.py

filter_on_a_map.py > ...

1 import sys

2 import csv

3

4

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

['145', 'R145', 'Name145R145', '5', '5', '5', 'NA', '0', '15', '5', '3', '0', '0', '0', '8', '5', '5', '4', '5', '5', '24', 'NA', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '47', '1', '', '', '']

['146', 'R146', 'Name146R146', '4', '5', '5', '5', 'NA', '19', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '3', '4', '4', '5', '5', '21', 'NA', '0', 'NA', 'NA', '0', '2.5', '0', '2.5', '42.5', '1', '', '', '']

['157', 'R157', 'Name157R157', '5', '5', '5', '5', '2', '22', 'NA', 'NA', 'NA', 'NA', 'NA', '0', 'NA', '3', '5', 'NA', '2.5', '10.5', '5', '5', '5', '0', '5', 'NA', 'NA', '20', '52.5', '1', '', '', '']

['165', 'R165', 'Name165R165', '5', '5', '5', '5', '5', '5', '25', '5', '2', '0', '0', '5', '12', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '0', '0', 'NA', 'NA', '2.5', '5', '3', '10.5', '47.5', '1', '', '', '']

['166', 'R166', 'Name166R166', '5', '5', '5', '5', '5', '5', '25', '5', '3', 'NA', 'NA', 'NA', '8', '3', '4', '5', '4', '2.5', '18.5', 'NA', 'NA', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '51.5', '1', '', '', '']

16

PS C:\Users\sudeep\Desktop\Lab3>

powerShell

powerShell

powerShell

EXPLORER

OPEN EDITORS

LAB3

~\$ogrammingPractice2.odt

appfn.py

convert_to_list.py

filter_on_a_list.py

filter_on_a_map.py

import.py

phd-test-anon.csv

phd-test-anon.ods

print_no_of_applicant.py

ProgrammingPractice2.odt

test.py

test2.py

OUTLINE

Python 3.9.5 64-bit

0 0

tabnine

Ln 4, Col 1

Spaces: 4

UTF-8

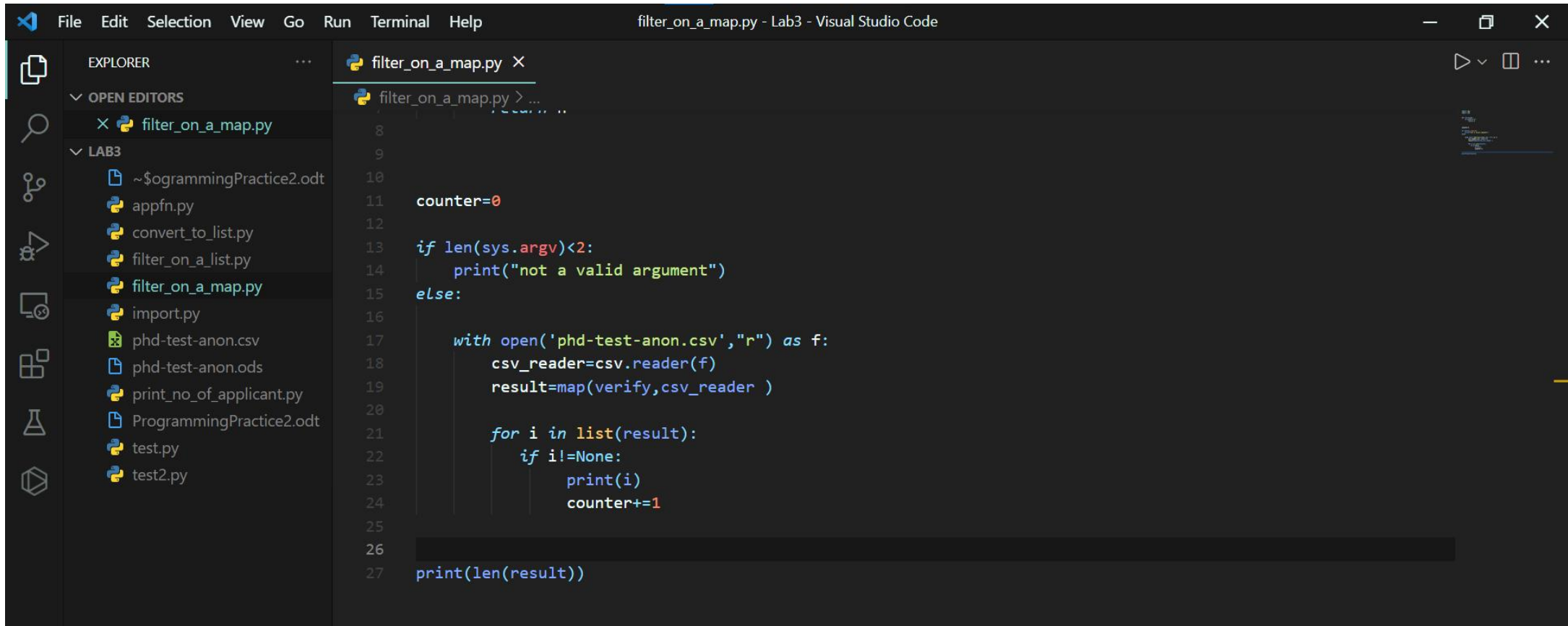
CRLF

Python

Go Live

Prettier

Q4 C



filter_on_a_map.py - Lab3 - Visual Studio Code

```
8
9
10
11 counter=0
12
13 if len(sys.argv)<2:
14     print("not a valid argument")
15 else:
16
17     with open('phd-test-anon.csv',"r") as f:
18         csv_reader=csv.reader(f)
19         result=map(verify,csv_reader )
20
21     for i in list(result):
22         if i!=None:
23             print(i)
24             counter+=1
25
26
27 print(len(result))
```


Q5 C

filter_on_a_list.py - Lab3 - Visual Studio Code

EXPLORER

OPEN EDITORS

- filter_on_a_list.py

LAB3

- ~\$ogrammingPractice2.odt
- appfn.py
- convert_to_list.py
- filter_on_a_list.py
- filter_on_a_map.py
- import.py
- phd-test-anon.csv
- phd-test-anon.ods
- print_no_of_applicant.py
- ProgrammingPractice2.odt
- test.py
- test2.py

```
1 import sys
2 import csv
3
4
5 def verify(n):
6     if n[30]=="1":
7         return True
8
9 counter=0
10
11
12 if len(sys.argv)<2:
13     print("not a valid argument")
14 else:
15
16     with open('phd-test-anon.csv','r') as f:
17         csv_reader=csv.reader(f)
18         result=filter(verify, csv_reader )
19
20
21     for i in list(result):
22         if i:
23             print(i)
24             counter+=1
25
26
27 print(counter)
```

Python 3.9.5 64-bit 0 0 tabnine Ln 27, Col 14 Spaces: 4 UTF-8 CRLF Python Go Live Prettier

Q5 T

filter_on_a_list.py - Lab3 - Visual Studio Code

EXPLORER

OPEN EDITORS

filter_on_a_list.py

LAB3

~\$programmingPractice2.odt

appfn.py

convert_to_list.py

filter_on_a_list.py

filter_on_a_map.py

import.py

phd-test-anon.csv

phd-test-anon.ods

print_no_of_applicant.py

ProgrammingPractice2.odt

test.py

test2.py

filter_on_a_list.py

```

1 import sys
2 import csv
3
4

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

powershell

```

['103', 'R103', 'Name103R103', '5', '5', '5', '5', 'NA', '20', '5', 'NA', 'NA', '1', 'NA', '6', '2', 'NA', 'NA', '5', '5', '12', 'NA',
'NA', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '38', '1', '', '', '']
['106', 'R106', 'Name106R106', '5', '5', '5', '3', '5', '23', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '0', '5', '5', '5', '5', '20', '0',
'4', 'NA', '0', 'NA', '0', '2', '6', '49', '1', '', '', '']
['108', 'R108', 'Name108R108', '5', '5', '5', '0', 'NA', '15', 'NA', 'NA', 'NA', 'NA', '0', '0', '5', '1', '5', '2.5', '13.5',
'2.5', '0', 'NA', '2', 'NA', '5', '2', '11.5', '40', '1', '', '', '']
['109', 'R109', 'Name109R109', '5', '5', '5', '0', '0', '15', 'NA', 'NA', 'NA', 'NA', '0', 'NA', '4', '1', '5', '5', '15', 'NA',
'NA', '0', 'NA', '0', '3', '0', '3', '33', '1', '', '', '']
['111', 'R111', 'Name111R111', '5', '1', '5', '5', '0', '16', '1', '0', '0', '0', '0', '0', '1', '0', '0', '0', '1', '2.5', '3.5', 'NA',
'NA', 'NA', 'NA', 'NA', 'NA', '0', '20.5', '1', '', '', '']
['112', 'R112', 'Name112R112', '5', '5', '5', 'NA', 'NA', '15', 'NA', 'NA', 'NA', 'NA', 'NA', '0', 'NA', '4', 'NA', '5', '5', '14',
'NA', 'NA', 'NA', 'NA', 'NA', '1.5', '1', '2.5', '31.5', '1', '', '', '']
['121', 'R121', 'Name121R121', '5', '5', '5', 'NA', 'NA', '15', 'NA', 'NA', 'NA', 'NA', '0', 'NA', '3', '5', 'NA', '5', '13',
'0', '5', '0', '0', '0', '0', '1', '6', '34', '1', '', '', '']
['144', 'R144', 'Name144R144', 'NA', '5', '5', '5', '0', '15', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '3', '4', '5', '5', '2.5', '19.5',
'NA', 'NA', 'NA', '3', 'NA', '5', '1', '9', '43.5', '1', '', '', '']
['145', 'R145', 'Name145R145', '5', '5', '5', 'NA', '0', '15', '5', '3', '0', '0', '0', '8', '5', '5', '4', '5', '5', '24', 'NA', 'N
A', 'NA', 'NA', 'NA', 'NA', '0', '47', '1', '', '', '']
['146', 'R146', 'Name146R146', '4', '5', '5', '5', 'NA', '19', 'NA', 'NA', 'NA', 'NA', '0', '3', '4', '4', '5', '5', '21', 'NA',
'0', 'NA', 'NA', '0', '2.5', '0', '2.5', '42.5', '1', '', '', '']
['157', 'R157', 'Name157R157', '5', '5', '5', '5', '5', '2', '22', 'NA', 'NA', 'NA', 'NA', 'NA', '0', 'NA', '3', '5', 'NA', '2.5', '10.5',
'5', '5', '5', '0', '5', 'NA', 'NA', '20', '52.5', '1', '', '', '']
['165', 'R165', 'Name165R165', '5', '5', '5', '5', '5', '5', '25', '5', '2', '0', '0', '5', '12', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '0',
'0', 'NA', 'NA', '2.5', '5', '3', '10.5', '47.5', '1', '', '', '']
['166', 'R166', 'Name166R166', '5', '5', '5', '5', '5', '5', '25', '5', '3', 'NA', 'NA', 'NA', '8', '3', '4', '5', '4', '2.5', '18.5', 'N
A', 'NA', 'NA', 'NA', 'NA', 'NA', '0', '51.5', '1', '', '', '']
16
PS C:\Users\sudeep\Desktop\Lab3>

```

Python 3.9.5 64-bit 0 0 tabnine Ln 27, Col 14 Spaces: 4 UTF-8 CRLF Python Go Live Prettier