

## CSE 8B Programming Assignment 3

*Name should be formatted as (last, first)*

*If you are working solo you may leave the right column blank.*

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## 1. Result of testing DataPoint

```
Terminal Help PA3Tester.java - CSE88_PA3 - Visual Studio Code
PROBLEMS 7 OUTPUT TERMINAL DEBUG CONSOLE
PS C:\Users\Rocky Hankin\Desktop\CSE_88\Programs\CSE88_PA3\StarterCode> javac *.java
PS C:\Users\Rocky Hankin\Desktop\CSE_88\Programs\CSE88_PA3\StarterCode> java PA3Tester
***Running Data Point tests***

Testing DataPoint 1
Expected Date: 20210113
Actual Date: 20210113

Expected State: CA
Actual State: CA

Expected Total Cases: 5011
Actual Total Cases: 5011

Expected Cases by Race: [20, 3000, 463, 28, 900, 100, 400, 100]
Actual Cases by Race: [20, 3000, 463, 28, 900, 100, 400, 100, ]

Testing DataPoint 2
Expected Date: 20220125
Actual Date: 20220125

Expected State: NC
Actual State: NC

Expected Total Cases: 5011
Actual Total Cases: 5011

Expected Cases by Race: [25, 4000, 680, 32, 503, 201, 407, 189]
Actual Cases by Race: [25, 4000, 680, 32, 503, 201, 407, 189, ]
```

## 2. Result of testing CovidCalculator

PA3Tester.java - CSE88\_PA3 - Visual Studio Code

EXPLORER

- CSE88\_PA3
  - StarterCode
    - COVID\_19\_Data\_Raw.csv
    - COVID\_19\_Data.csv
    - CovidCalculator.class
    - CovidCalculator.java
    - DataPoint.class
    - DataPoint.java
    - PA3Library.class
    - PA3Library.java
    - PA3Tester.class
    - PA3Tester.java

TERMINAL

```
*** First CovidCalculator Tests ***

First test set:
Average Cases on 20210113:
Expected: 1,573,906.5
Actual: 1573906.0

Average Cases on 20201215:
Expected: 0.0
Actual: 0.0

Race in CA with highest cases on 20210110:
Expected: LatinX
Actual: LatinX

Race in CO with highest cases on 20210110:
Expected: White
Actual: White

The number of entries in the data set for CO is 3
The number of entries in the data set for CA is 2

Second test set:
Average Cases on 20210113:
Expected: 0.0
Actual: 0.0

Average Cases on 20201215:
Expected: 0.0
Actual: 0.0

Race in CA with highest cases on 20210110:
Expected:
Actual:

Race in CO with highest cases on 20210110:
Expected:
Actual:

The number of entries in the data set for CO is 0
The number of entries in the data set for CA is 3
```

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PA3Tester.java - CSE88\_PA3 - Visual Studio Code

EXPLORER

- CSE88\_PA3
  - StarterCode
    - COVID\_19\_Data\_Raw.csv
    - COVID\_19\_Data.csv
    - CovidCalculator.class
    - CovidCalculator.java
    - DataPoint.class
    - DataPoint.java
    - PA3Library.class
    - PA3Library.java
    - PA3Tester.class
    - PA3Tester.java

TERMINAL

```
Expected: White
Actual: white

The number of entries in the data set for CO is 3
The number of entries in the data set for CA is 2

Second test set:
Average Cases on 20210113:
Expected: 0.0
Actual: 0.0

Average Cases on 20201215:
Expected: 0.0
Actual: 0.0

Race in CA with highest cases on 20210110:
Expected:
Actual:

Race in CO with highest cases on 20210110:
Expected:
Actual:

The number of entries in the data set for CO is 0
The number of entries in the data set for CA is 3
The average number of cases across all states on 20210106 is 610719.0
The race with the highest number of cases in CO on 20200524 was LatinX
Number of datapoints for CA:78
Number of datapoints for NH:21
Number of datapoints for RI:37
Number of datapoints for CA:37
PS C:\Users\Rocky Hankin\Desktop\CSE_88\Programs\CSE88_PA3\StarterCode>
```

Ln 254, Col 82 Spaces: 4 UTF-8 LF Java JavaSE-16