Evidencias de solución a problema 1 Compute Statistics

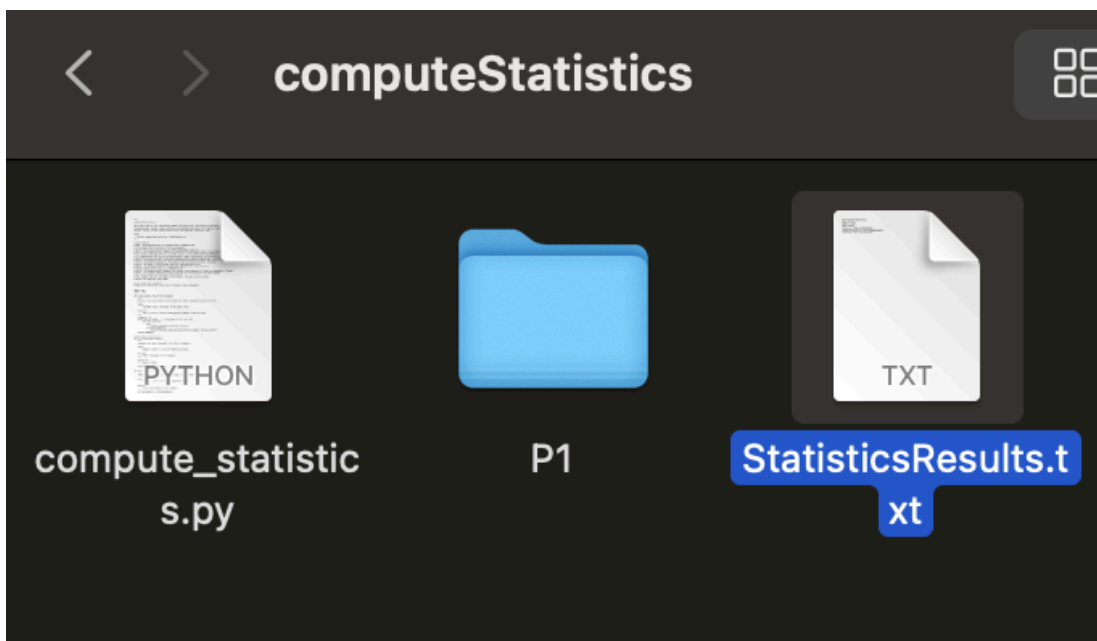## Pylint execution

```
→  computeStatistics git:(main) pylint compute_statistics.py

------------------------------------------------------------------
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
```

Execution when file not provided

```
→  computeStatistics git:(main) x python3 compute_statistics.py
Usage: python computeStatistics.py fileWithData.txt
```

Resulting file

Test executions

TC1

```
→  computeStatistics git:(main) python3 compute_statistics.py P1/TC1.txt
Descriptive Statistics:
Mean: 242.32
Median: 239.5
Mode: 393.0
Variance: 21099.917599999997
Standard Deviation: 145.25810683056557
Execution Time: 0.00 seconds
```

TC2

```
→  computeStatistics git:(main) python3 compute_statistics.py P1/TC2.txt
Descriptive Statistics:
Mean: 250.7840161861406
Median: 247.0
Mode: 230.0
Variance: 20785.369132479238
Standard Deviation: 144.17131868884059
Execution Time: 0.00 seconds
```

TC3

```
→  computeStatistics git:(main) ✗ python3 compute_statistics.py P1/TC3.txt
Descriptive Statistics:
Mean: 249.77621989860583
Median: 249.0
Mode: 94.0
Variance: 21117.27747316329
Standard Deviation: 145.31784980917962
Execution Time: 0.01 seconds
```

TC4

```
→  computeStatistics git:(main) ✗ python3 compute_statistics.py P1/TC4.txt
Descriptive Statistics:
Mean: 149.00267347908746
Median: 147.75
Mode: 123.75
Variance: 17007.920843018837
Standard Deviation: 130.41441961308894
Execution Time: 0.01 seconds
```

TC5

```
→ computeStatistics git:(main) x python3 compute_statistics.py P1/TC5.txt
Invalid data encountered and skipped: ABA
Invalid data encountered and skipped: 23,45
Invalid data encountered and skipped: 11;54
Invalid data encountered and skipped: ll
Descriptive Statistics:
Mean: 241.49511400651465
Median: 241.0
Mode: 393.0
Variance: 21160.021963097748
Standard Deviation: 145.46484786056646
Execution Time: 0.00 seconds
```

TC6

```
→ computeStatistics git:(main) x python3 compute_statistics.py P1/TC6.txt
Descriptive Statistics:
Mean: 1.8790659927977473e+20
Median: 1.88008049965543e+20
Mode: 1.27620004531949e+20
Variance: 1.1530904699530647e+40
Standard Deviation: 1.0738205017381e+20
Execution Time: 0.00 seconds
```

TC7

```
→ computeStatistics git:(main) x python3 compute_statistics.py P1/TC7.txt
Invalid data encountered and skipped: ABBA
Invalid data encountered and skipped: ERROR
Descriptive Statistics:
Mean: 2.474673954997149e+20
Median: 2.4664097307429e+20
Mode: 1.57638329490099e+20
Variance: 2.0910793147136484e+40
Standard Deviation: 1.4460564700984703e+20
Execution Time: 0.01 seconds
```