P1:

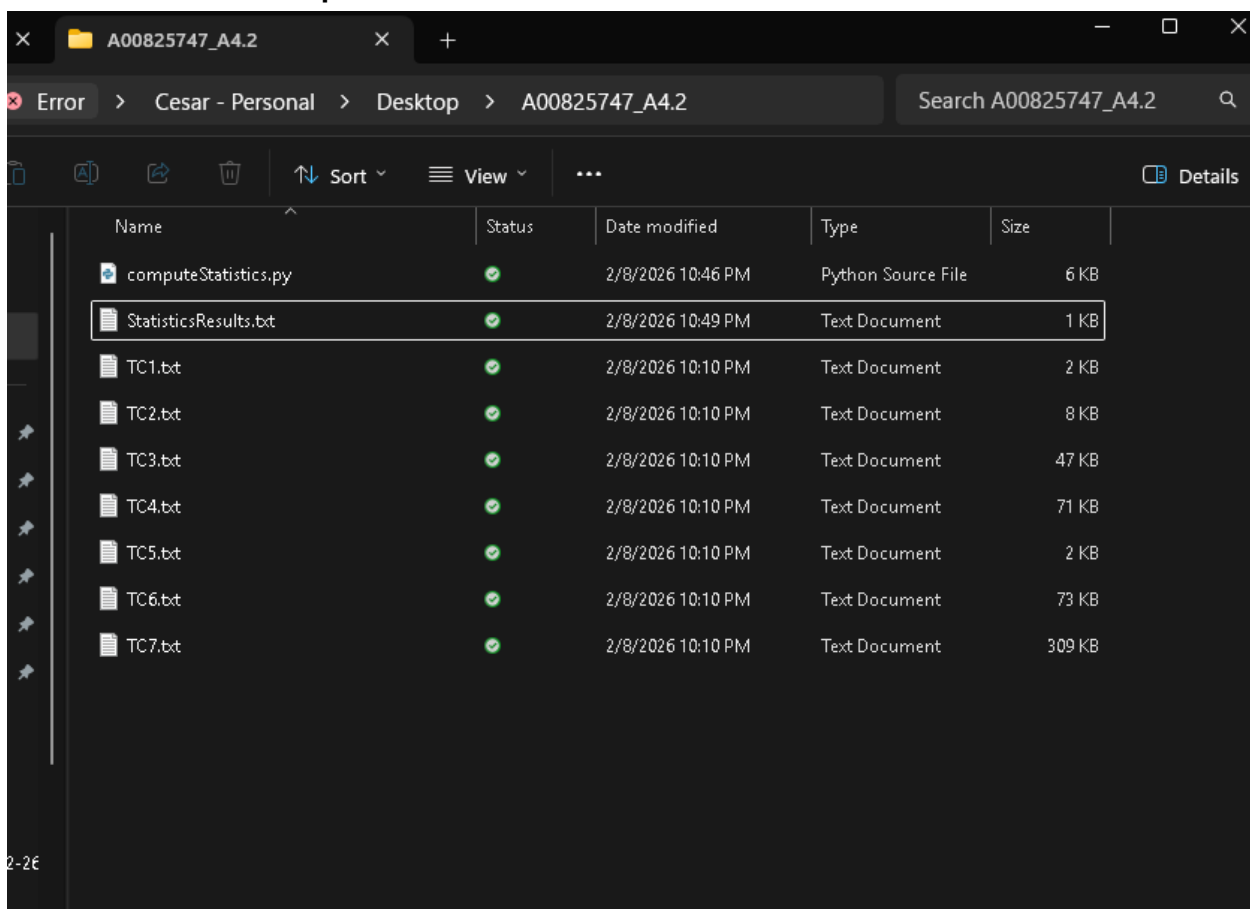**RESULTS:**

```
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2> python .\computeStatistics.py .\TC1.txt
COUNT: 400
MEAN: 242.32
MEDIAN: 239.5
MODE: 393
SD (Population): 145.2581068306
VARIANCE (Population): 21099.9176
TIME (seconds): 0.0005073547
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2> python .\computeStatistics.py .\TC2.txt
COUNT: 1977
MEAN: 250.7840161861
MEDIAN: 247
MODE: 230
SD (Population): 144.1713186888
VARIANCE (Population): 20785.3691324792
TIME (seconds): 0.0018939972
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2> python .\computeStatistics.py .\TC3.txt
COUNT: 12624
MEAN: 249.7762198986
MEDIAN: 249
MODE: 94
SD (Population): 145.3178498092
VARIANCE (Population): 21117.2774731633
TIME (seconds): 0.0068724155
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2> python .\computeStatistics.py .\TC4.txt
COUNT: 12624
MEAN: 149.0026734791
MEDIAN: 147.75
MODE: 123.75
SD (Population): 130.4144196131
VARIANCE (Population): 17007.9208430188
TIME (seconds): 0.0080413818
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2> python .\computeStatistics.py .\TC5.txt
Invalid data at line 5: 'ABA' (ignored, continuing)
Invalid data at line 232: '11;54' (ignored, continuing)
Invalid data at line 239: 'll' (ignored, continuing)
COUNT: 308
MEAN: 240.7871753247
MEDIAN: 241
MODE: 393
SD (Population): 145.7572707843
VARIANCE (Population): 21245.1819865017
TIME (seconds): 0.0007190704
```
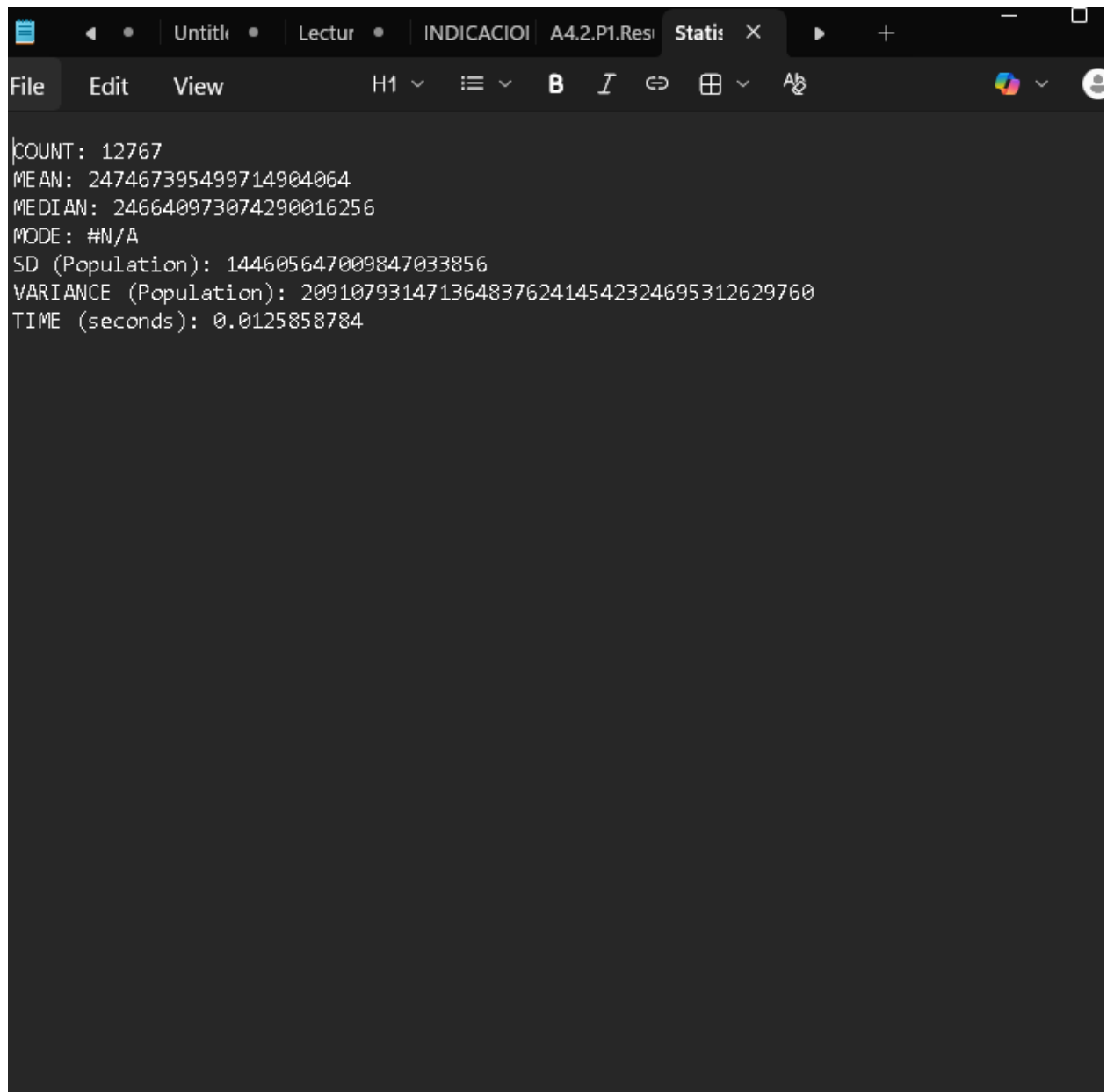
```
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2> python .\computeStatistics.py .\TC6.txt
COUNT: 3000
MEAN: 187906599279774728192
MEDIAN: 188008049965542998016
MODE: #N/A
SD (Population): 107382050173809999872
VARIANCE (Population): 11530904699530646862954721780958962384896
TIME (seconds): 0.0023684502
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2> python .\computeStatistics.py .\TC7.txt
Invalid data at line 183: 'ABBA' (ignored, continuing)
Invalid data at line 229: 'ERROR' (ignored, continuing)
COUNT: 12767
MEAN: 247467395499714904064
MEDIAN: 246640973074290016256
MODE: #N/A
SD (Population): 144605647009847033856
VARIANCE (Population): 20910793147136483762414542324695312629760
TIME (seconds): 0.0125858784
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2> []
```

It also creates the output file :

```
COUNT: 12767
MEAN: 247467395499714904064
MEDIAN: 246640973074290016256
MODE: #N/A
SD (Population): 144605647009847033856
VARIANCE (Population): 20910793147136483762414542324695312629760
TIME (seconds): 0.0125858784
```

PYLINT:

computeStatistics.py ✕

C: > Users > cesar > OneDrive > Escritorio > A00825747_A4.2 > P1 > computeStatistics.py > main
211   def main():

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

Requirement already satisfied: colorama>=0.4.5 in C:\ProgramData\anaconda3\Lib\site-packages (from pylint) (0.4.6)
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2\P1> pylint .\computeStatistics.py
>>
************* Module computeStatistics
computeStatistics.py:124:0: C0303: Trailing whitespace (trailing-whitespace) …

Your code has been rated at 9.42/10

(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2\P1> ^C
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2\P1>
(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2\P1> pylint .\computeStatistics.py

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

(base) PS C:\Users\cesar\OneDrive\Escritorio\A00825747_A4.2\P1>