

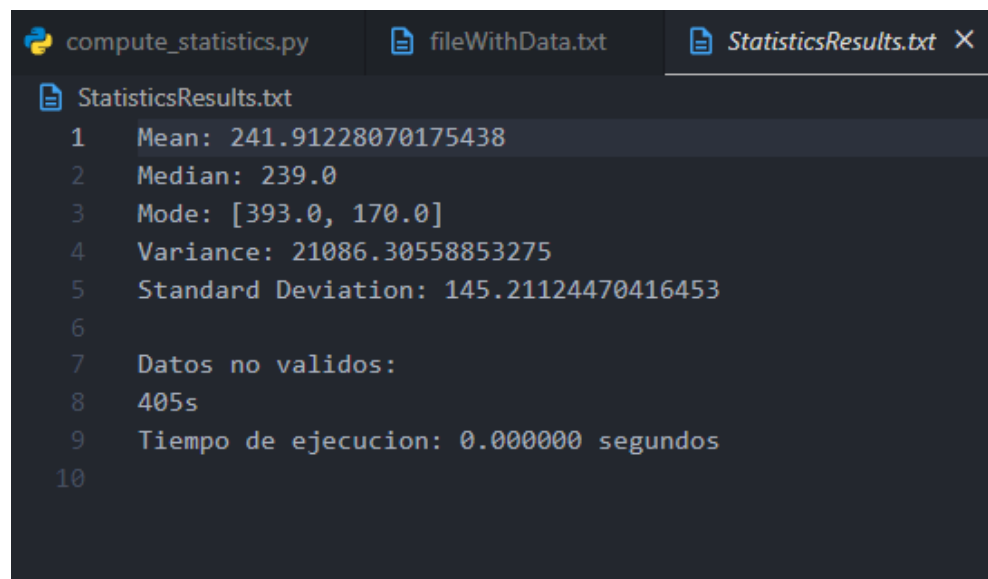
Resultados

Problema 1

Compute statistics

```
PS C:\Users\giova\OneDrive\Documentos\tarea calidad> & C:/msys64/ucrt64/bin/python.exe "compute_statistics.py" fileWithData.txt
INFO:stats_logger:This module is for compute statistics from a file.
INFO:stats_logger:Results:
Mean: 241.91228070175438
Median: 239.0
Mode: [393.0, 170.0]
Variance: 21086.30558853275
Standard Deviation: 145.21124470416453

INFO:stats_logger:Execution time: 0.000 seconds
PS C:\Users\giova\OneDrive\Documentos\tarea calidad> █
```



The screenshot shows a code editor with three tabs: `compute_statistics.py`, `fileWithData.txt`, and `StatisticsResults.txt`. The `StatisticsResults.txt` tab is active, displaying the output of the script. The output is as follows:

```
1 Mean: 241.91228070175438
2 Median: 239.0
3 Mode: [393.0, 170.0]
4 Variance: 21086.30558853275
5 Standard Deviation: 145.21124470416453
6
7 Datos no validos:
8 405s
9 Tiempo de ejecucion: 0.000000 segundos
10
```

Problema 2

Converter

```
PS C:\Users\giova\OneDrive\Documentos\tarea_calidad> & C:/msys64/ucrt64/bin/python.exe "c:/Users/giova/OneDrive/Documentos/TC3.txt"
-39: Binary=b100111, Hexadecimal=X27
-36: Binary=b100100, Hexadecimal=X24
8: Binary=1000, Hexadecimal=8
34: Binary=100010, Hexadecimal=22
17: Binary=10001, Hexadecimal=11
49: Binary=110001, Hexadecimal=31
5: Binary=101, Hexadecimal=5
39: Binary=100111, Hexadecimal=27
0: Binary=0, Hexadecimal=0
33: Binary=100001, Hexadecimal=21
12: Binary=1100, Hexadecimal=C
-6: Binary=b110, Hexadecimal=X6
27: Binary=11011, Hexadecimal=1B
-4: Binary=b100, Hexadecimal=X4
-38: Binary=b100110, Hexadecimal=X26
26: Binary=11010, Hexadecimal=1A
49: Binary=110001, Hexadecimal=31
29: Binary=11101, Hexadecimal=1D
42: Binary=101010, Hexadecimal=2A
-16: Binary=b10000, Hexadecimal=X10
-28: Binary=b11100, Hexadecimal=X1C
34: Binary=100010, Hexadecimal=22
20: Binary=10100, Hexadecimal=14
0: Binary=0, Hexadecimal=0
25: Binary=11001, Hexadecimal=19
45: Binary=101101, Hexadecimal=2D
3: Binary=11, Hexadecimal=3
-46: Binary=b101110, Hexadecimal=X2E
-46: Binary=b101110, Hexadecimal=X2E
```

```
1: Binary=1, Hexadecimal=1
-25: Binary=b11001, Hexadecimal=X19
-33: Binary=b100001, Hexadecimal=X21
16: Binary=10000, Hexadecimal=10
17: Binary=10001, Hexadecimal=11
4: Binary=100, Hexadecimal=4
Execution Time: 0.0000 seconds
Results saved to ConversionResults.txt
PS C:\Users\giova\OneDrive\Documentos\tarea_calidad>
```

```
compute_statistics.py  fileWithData.txt  ConversionResults.txt X
ConversionResults.txt
185 -5: Binary=b101, Hexadecimal=X5
186 33: Binary=100001, Hexadecimal=21
187 -13: Binary=b1101, Hexadecimal=XD
188 33: Binary=100001, Hexadecimal=21
189 -10: Binary=b1010, Hexadecimal=XA
190 47: Binary=101111, Hexadecimal=2F
191 47: Binary=101111, Hexadecimal=2F
192 -13: Binary=b1101, Hexadecimal=XD
193 -32: Binary=b100000, Hexadecimal=X20
194 1: Binary=1, Hexadecimal=1
195 1: Binary=1, Hexadecimal=1
196 -25: Binary=b11001, Hexadecimal=X19
197 -33: Binary=b100001, Hexadecimal=X21
198 16: Binary=10000, Hexadecimal=10
199 17: Binary=10001, Hexadecimal=11
200 4: Binary=100, Hexadecimal=4
201 Execution Time: 0.0000 seconds
```

Problem 3

Count Words

```
worker: 1
worry: 1
would: 1
wound: 1
wv: 1
y: 1
yellow: 1
yet: 1
yourself: 1
yu: 1
yukon: 1
z: 1
za: 2
zen: 1
zimbabwe: 2
Execution Time: 0.0000 seconds
Results saved to WordCountResults.txt
PS C:\Users\giova\OneDrive\Documentos\tarea calidad> 
```

```
compute_statistics.py  convert_numbers.py  word_count.py  WordCountResults.txt X
WordCountResults.txt
717 washington: 1
920 watches: 1
921 wav: 1
922 weak: 1
923 weapons: 1
924 wearing: 1
925 website: 1
926 wedding: 1
927 weekly: 1
928 wild: 1
929 win: 1
930 winston: 1
931 wishlist: 1
932 with: 1
933 words: 1
934 work: 1
935 worker: 1
936 worry: 1
937 would: 1
938 wound: 1
939 wv: 1
940 y: 1
941 yellow: 1
942 yet: 1
943 yourself: 1
944 yu: 1
945 yukon: 1
946 z: 1
947 za: 2
948 zen: 1
949 zimbabwe: 2
950 Execution Time: 0.0000 seconds
951
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  COMMENTS
yourself: 1
```