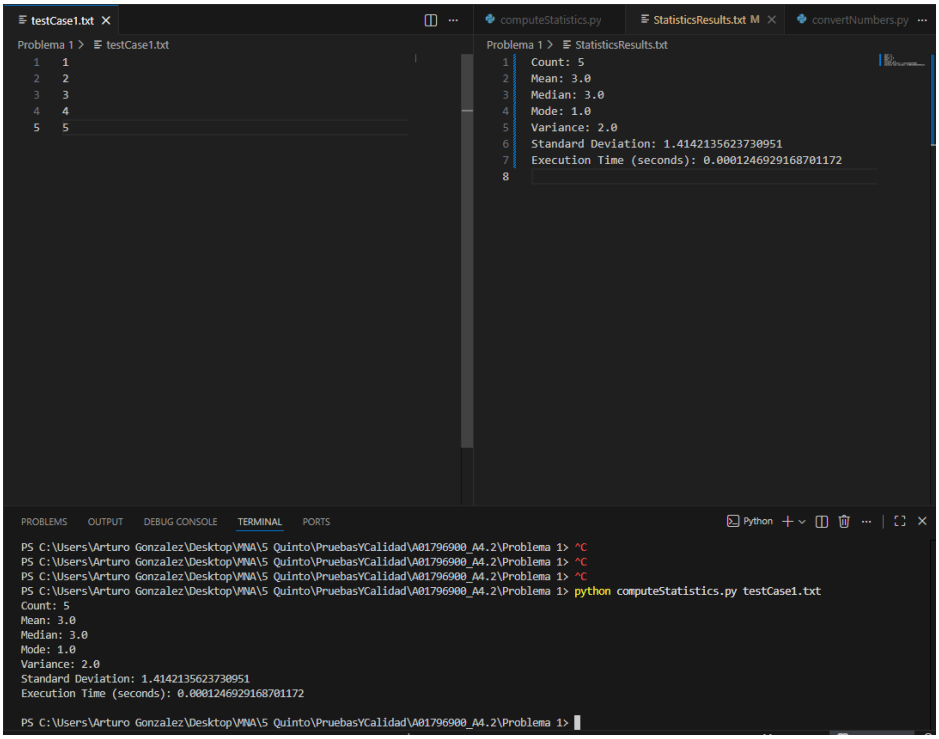
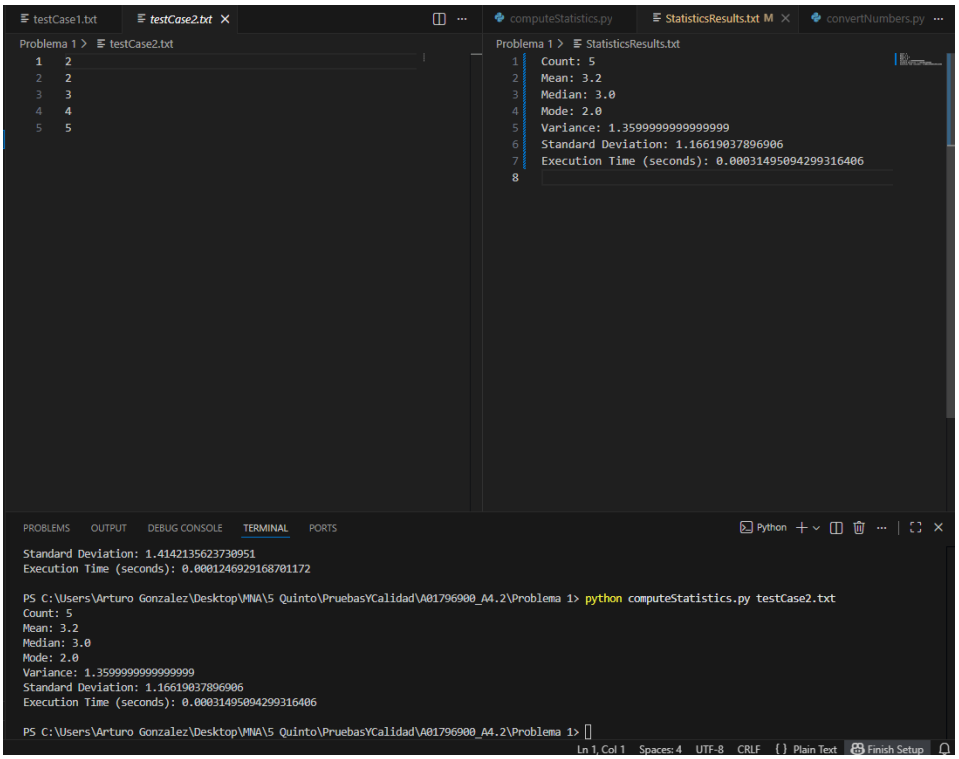
Compute Statistics

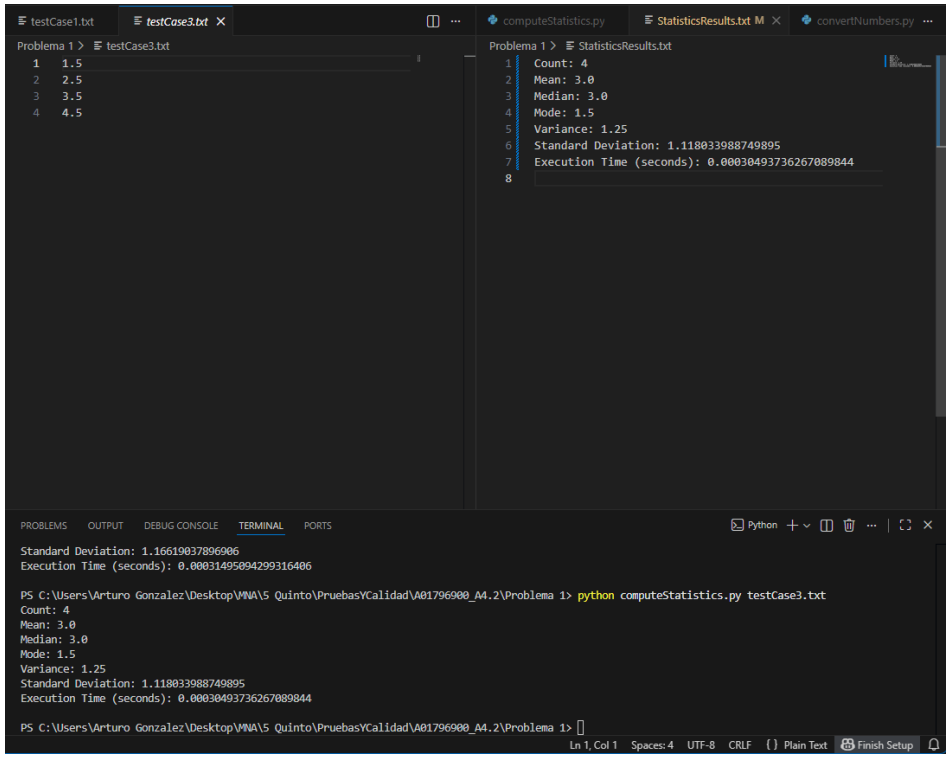
TC1



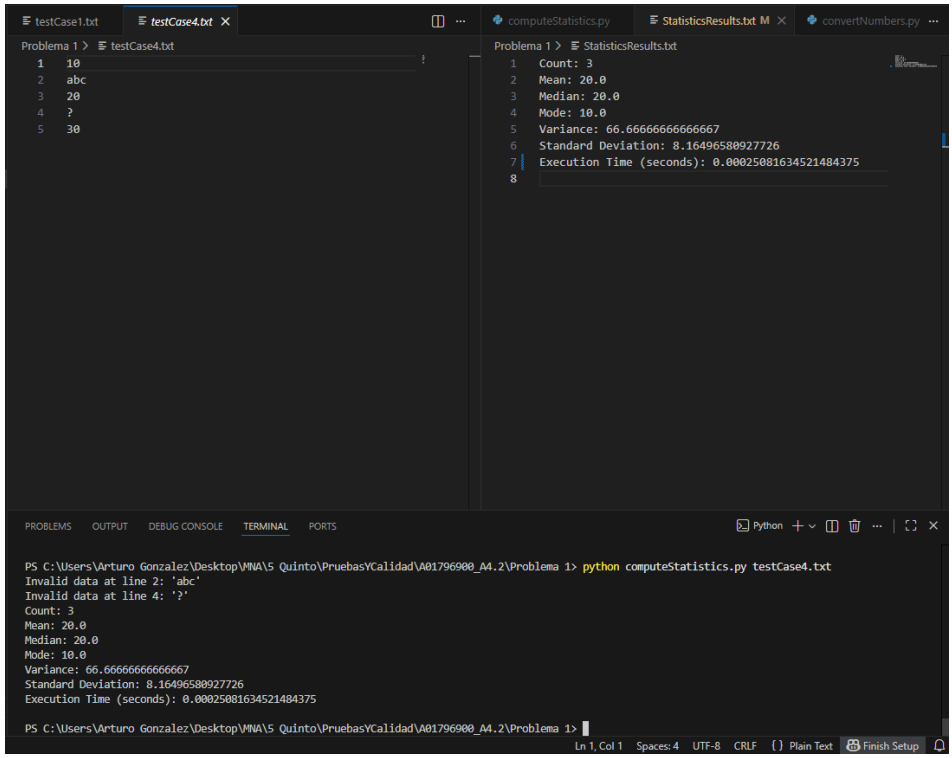
TC2



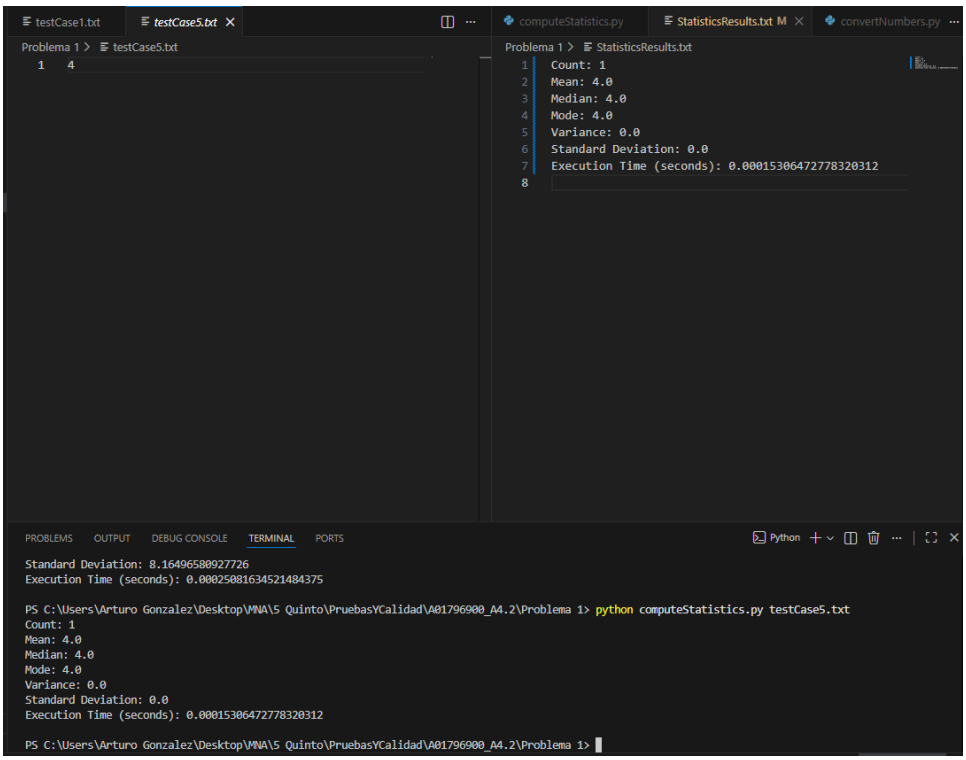
TC3


testCase1.txt
testCase3.txt
Problema 1 > testCase3.txt
1.5
2.5
3.5
4.5
computeStatistics.py
StatisticsResults.txt M
convertNumbers.py
Problema 1 > StatisticsResults.txt
Count: 4
Mean: 3.0
Median: 3.0
Mode: 1.5
Variance: 1.25
Standard Deviation: 1.118033988749895
Execution Time (seconds): 0.00030493736267089844
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
Standard Deviation: 1.16619037896906
Execution Time (seconds): 0.00031495094299316406
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1> python computeStatistics.py testCase3.txt
Count: 4
Mean: 3.0
Median: 3.0
Mode: 1.5
Variance: 1.25
Standard Deviation: 1.118033988749895
Execution Time (seconds): 0.00030493736267089844
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1>
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF { } Plain Text Finish Setup

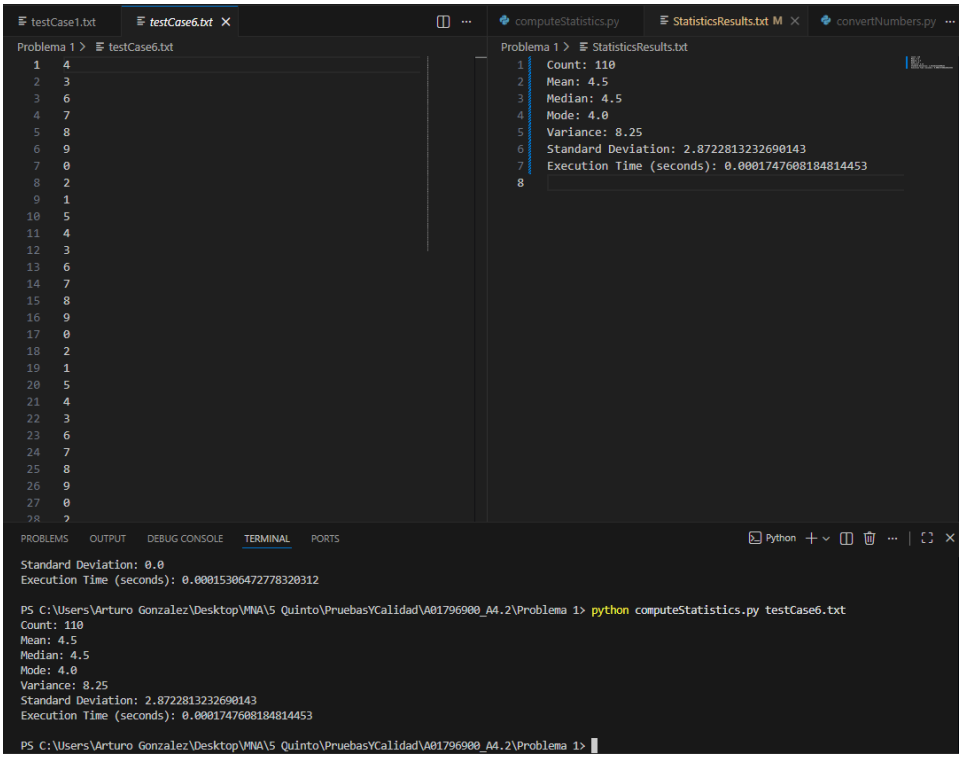
TC4


testCase1.txt
testCase4.txt
Problema 1 > testCase4.txt
10
abc
20
?
30
computeStatistics.py
StatisticsResults.txt M
convertNumbers.py
Problema 1 > StatisticsResults.txt
Count: 3
Mean: 20.0
Median: 20.0
Mode: 10.0
Variance: 66.66666666666667
Standard Deviation: 8.16496580927726
Execution Time (seconds): 0.00025081634521484375
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1> python computeStatistics.py testCase4.txt
Invalid data at line 2: 'abc'
Invalid data at line 4: '?'
Count: 3
Mean: 20.0
Median: 20.0
Mode: 10.0
Variance: 66.66666666666667
Standard Deviation: 8.16496580927726
Execution Time (seconds): 0.00025081634521484375
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1>
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF { } Plain Text Finish Setup

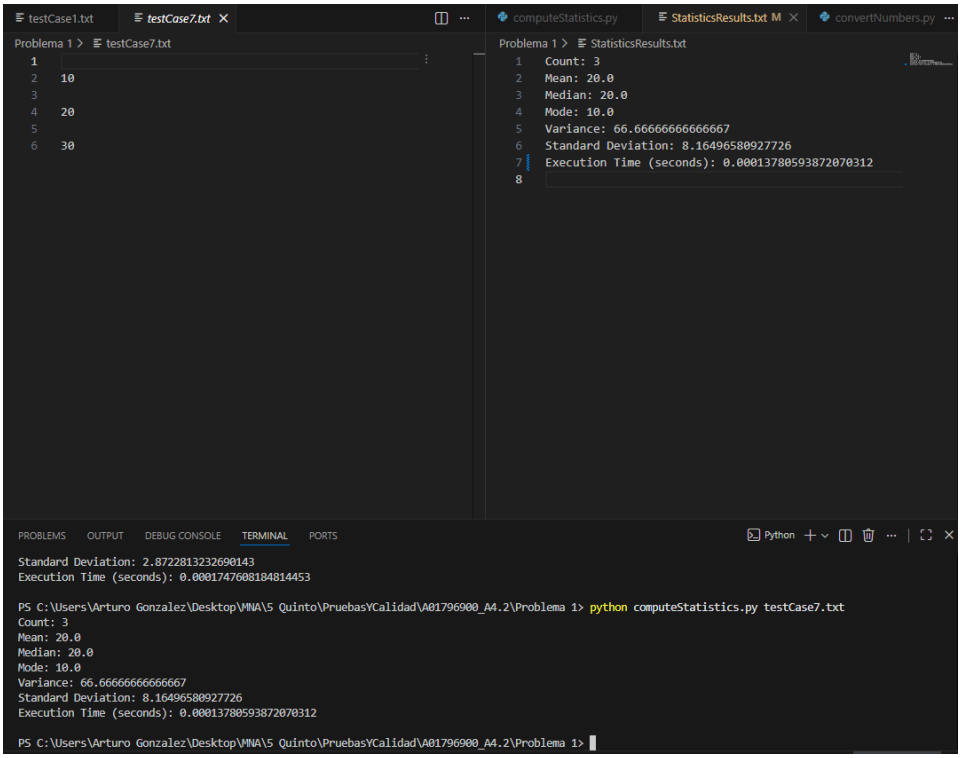
TC5


testCase1.txt
testCase5.txt
Problema 1 > testCase5.txt
1 4
computeStatistics.py
StatisticsResults.txt M
convertNumbers.py
Problema 1 > StatisticsResults.txt
Count: 1
Mean: 4.0
Median: 4.0
Mode: 4.0
Variance: 0.0
Standard Deviation: 0.0
Execution Time (seconds): 0.00015306472778320312
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
Standard Deviation: 8.16496580927726
Execution Time (seconds): 0.00025081634521484375
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1> python computeStatistics.py testCase5.txt
Count: 1
Mean: 4.0
Median: 4.0
Mode: 4.0
Variance: 0.0
Standard Deviation: 0.0
Execution Time (seconds): 0.00015306472778320312
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1>

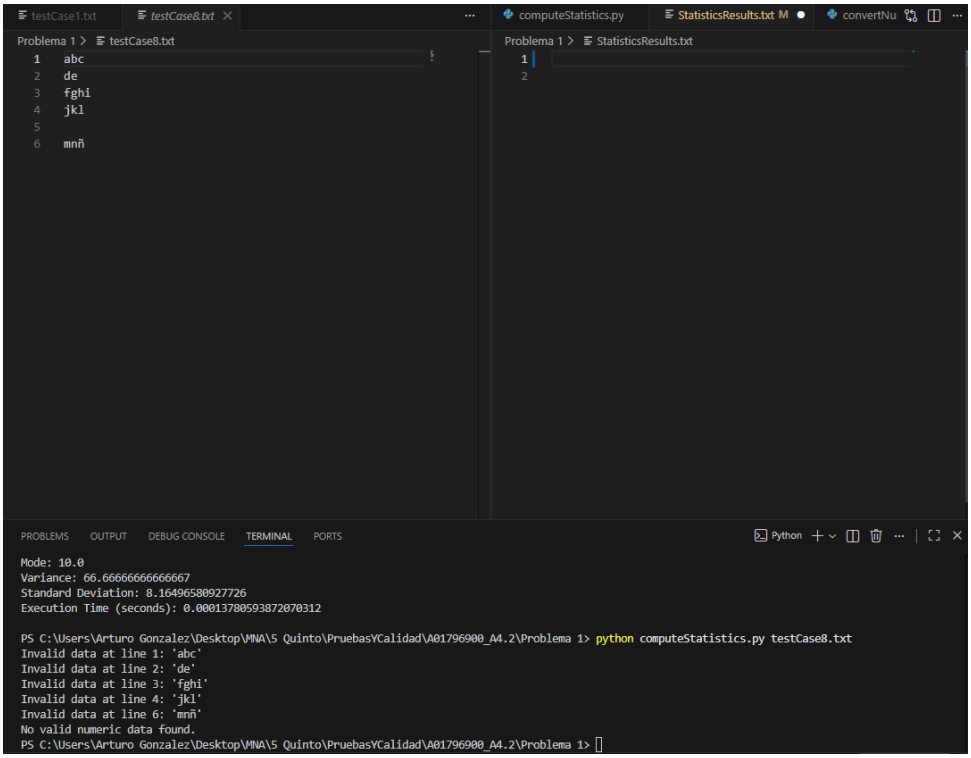
TC6


testCase1.txt
testCase6.txt
Problema 1 > testCase6.txt
4
3
6
7
8
9
0
2
1
5
4
3
6
7
8
9
0
2
1
5
4
3
6
7
8
9
0
computeStatistics.py
StatisticsResults.txt M
convertNumbers.py
Problema 1 > StatisticsResults.txt
Count: 110
Mean: 4.5
Median: 4.5
Mode: 4.0
Variance: 8.25
Standard Deviation: 2.872281323269014 3
Execution Time (seconds): 0.0001747608184814453
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
Standard Deviation: 0.0
Execution Time (seconds): 0.00015306472778320312
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1> python computeStatistics.py testCase6.txt
Count: 110
Mean: 4.5
Median: 4.5
Mode: 4.0
Variance: 8.25
Standard Deviation: 2.8722813232690143
Execution Time (seconds): 0.0001747608184814453
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1>

TC7

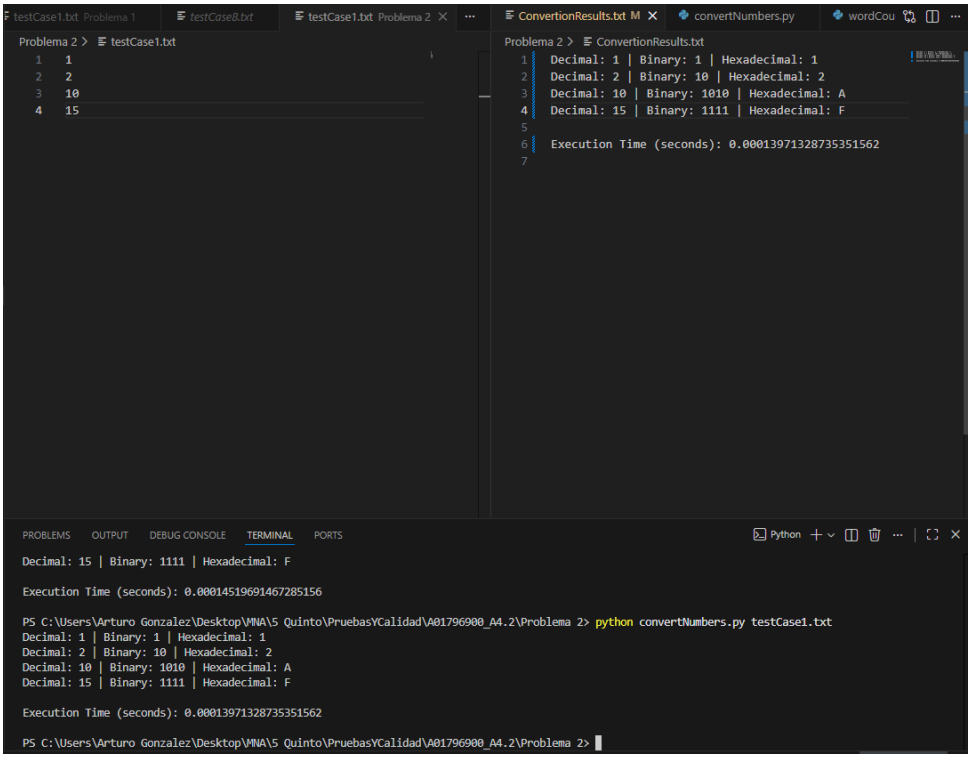

testCase1.txt
testCase7.txt
Problema 1 > testCase7.txt
1
10
20
30
computeStatistics.py
StatisticsResults.txt M
convertNumbers.py
Problema 1 > StatisticsResults.txt
Count: 3
Mean: 20.0
Median: 20.0
Mode: 10.0
Variance: 66.66666666666667
Standard Deviation: 8.16496580927726
Execution Time (seconds): 0.00013780593872070312
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
Standard Deviation: 2.8722813232690143
Execution Time (seconds): 0.0001747608184814453
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1> python computeStatistics.py testCase7.txt
Count: 3
Mean: 20.0
Median: 20.0
Mode: 10.0
Variance: 66.66666666666667
Standard Deviation: 8.16496580927726
Execution Time (seconds): 0.00013780593872070312
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1>

TC8

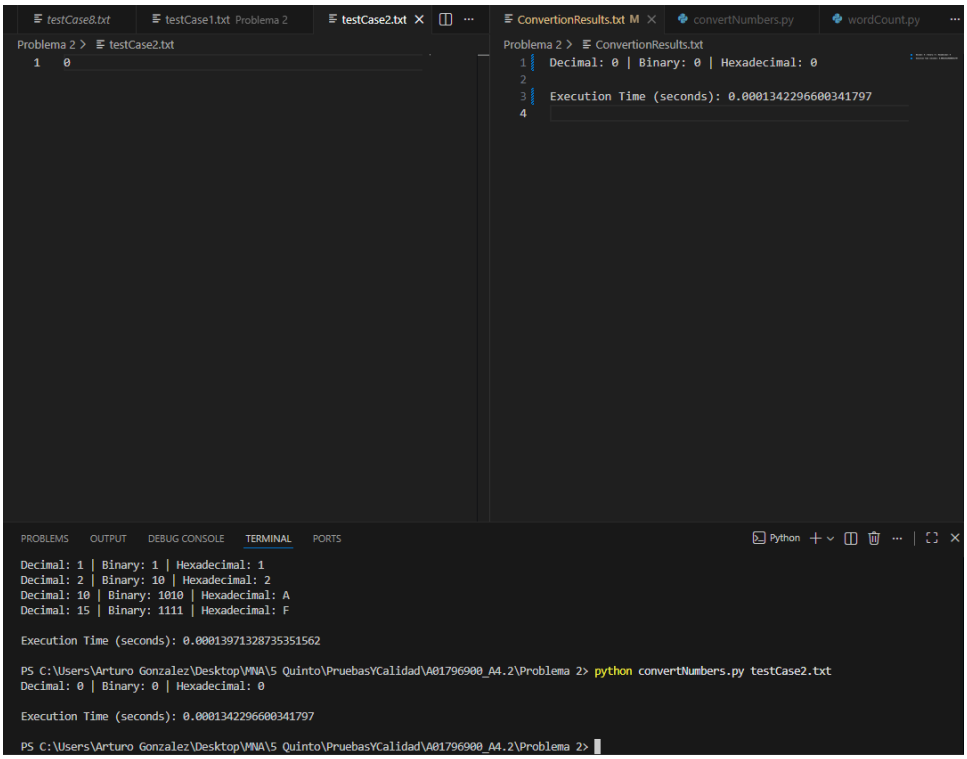

testCase1.txt
testCase8.txt
Problema 1 > testCase8.txt
1 abc
2 de
3 fghi
4 jkl
5
6 mnñ
computeStatistics.py
StatisticsResults.txt M
convertNu
Problema 1 > StatisticsResults.txt
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
Mode: 10.0
Variance: 66.66666666666667
Standard Deviation: 8.16496580927726
Execution Time (seconds): 0.00013780593872070312
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1> python computeStatistics.py testCase8.txt
Invalid data at line 1: 'abc'
Invalid data at line 2: 'de'
Invalid data at line 3: 'fghi'
Invalid data at line 4: 'jkl'
Invalid data at line 6: 'mnñ'
No valid numeric data found.
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 1>

Convert Numbers

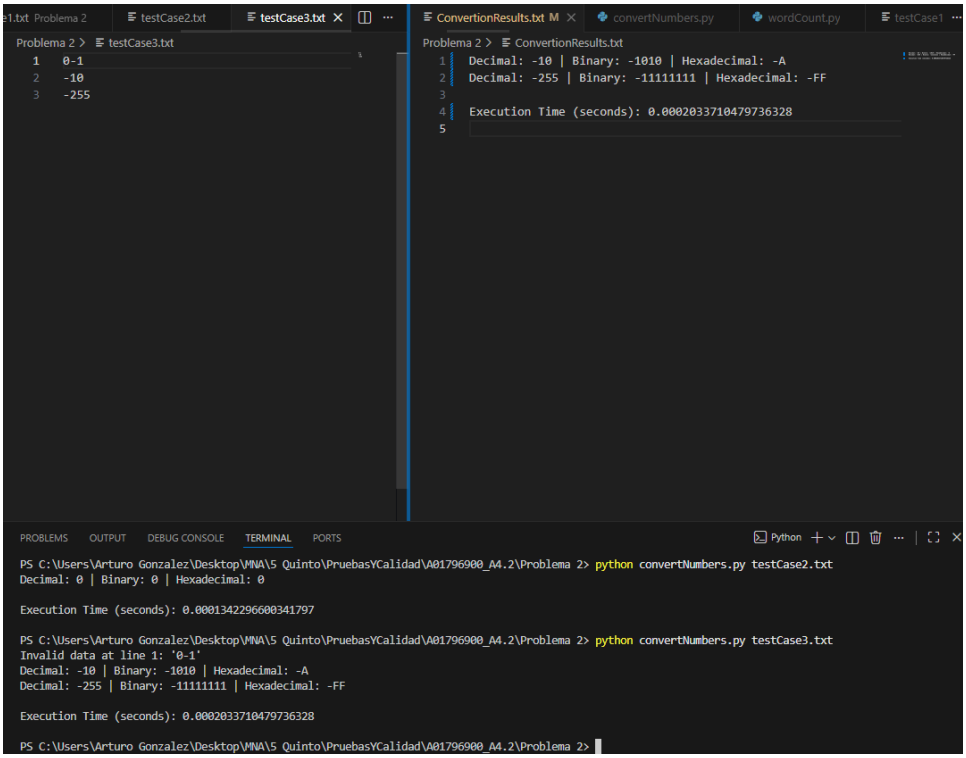
TC1



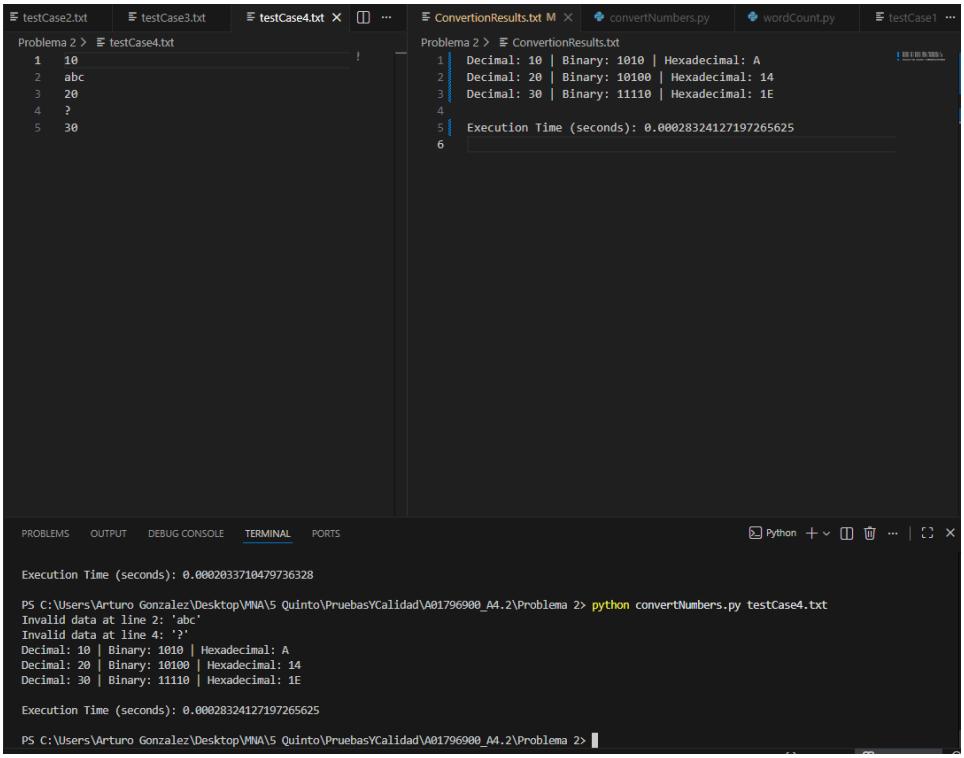
TC2



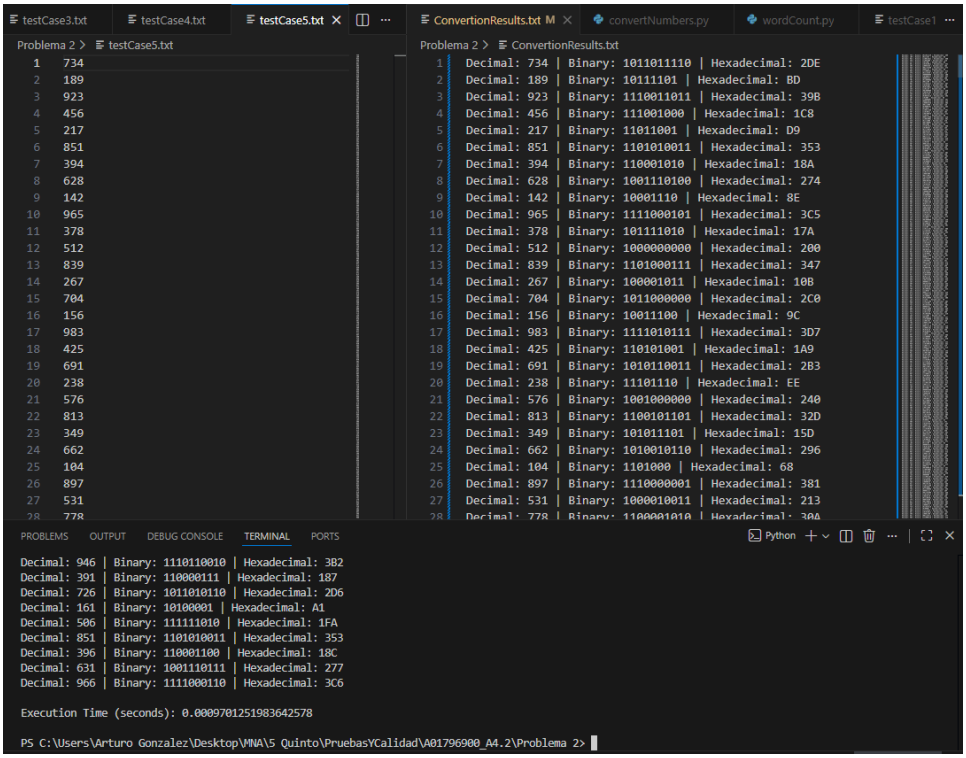
TC3


testCase3.txt
Problema 2 > testCase3.txt
1 0-1
2 -10
3 -255
ConvertionResults.txt M
convertNumbers.py
wordCount.py
testCase1
Problema 2 > ConvertionResults.txt
1 Decimal: -10 | Binary: -1010 | Hexadecimal: -A
2 Decimal: -255 | Binary: -11111111 | Hexadecimal: -FF
3
4 Execution Time (seconds): 0.0002033710479736328
5
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2> python convertNumbers.py testCase2.txt
Decimal: 0 | Binary: 0 | Hexadecimal: 0
Execution Time (seconds): 0.0001342296600341797
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2> python convertNumbers.py testCase3.txt
Invalid data at line 1: '0-1'
Decimal: -10 | Binary: -1010 | Hexadecimal: -A
Decimal: -255 | Binary: -11111111 | Hexadecimal: -FF
Execution Time (seconds): 0.0002033710479736328
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2>

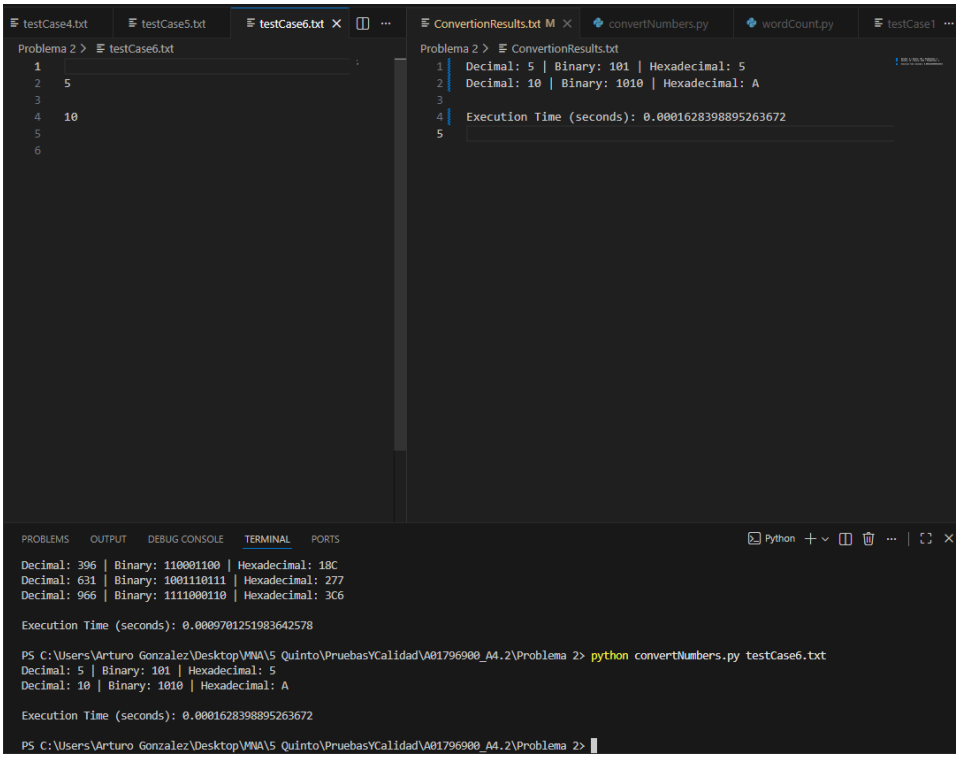
TC4


testCase4.txt
Problema 2 > testCase4.txt
1 10
2 abc
3 20
4 ?
5 30
ConvertionResults.txt M
convertNumbers.py
wordCount.py
testCase1
Problema 2 > ConvertionResults.txt
1 Decimal: 10 | Binary: 1010 | Hexadecimal: A
2 Decimal: 20 | Binary: 10100 | Hexadecimal: 14
3 Decimal: 30 | Binary: 11110 | Hexadecimal: 1E
4
5 Execution Time (seconds): 0.00028324127197265625
6
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
Execution Time (seconds): 0.0002033710479736328
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2> python convertNumbers.py testCase4.txt
Invalid data at line 2: 'abc'
Invalid data at line 4: '?'
Decimal: 10 | Binary: 1010 | Hexadecimal: A
Decimal: 20 | Binary: 10100 | Hexadecimal: 14
Decimal: 30 | Binary: 11110 | Hexadecimal: 1E
Execution Time (seconds): 0.00028324127197265625
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2>

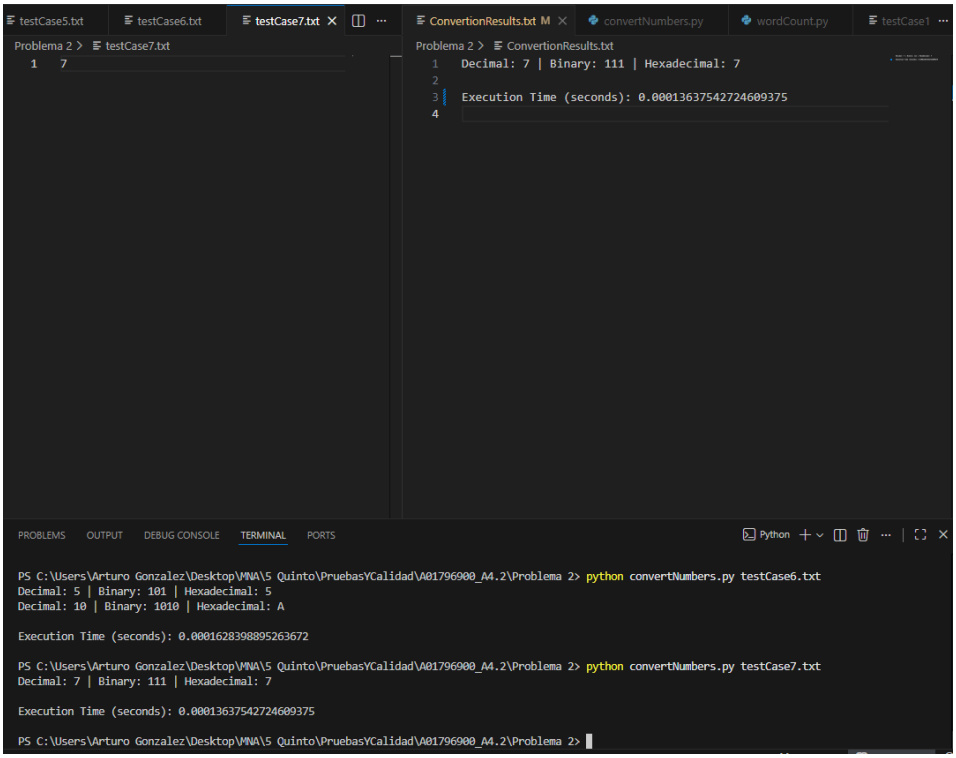
TC5


testCase3.txt
testCase4.txt
testCase5.txt
Problema 2 > testCase5.txt
734
189
923
456
217
851
394
628
142
965
378
512
839
267
704
156
983
425
691
238
576
813
349
662
104
897
531
ConvertionResults.txt M
convertNumbers.py
wordCount.py
testCase1
Problema 2 > ConvertionResults.txt
Decimal: 734 | Binary: 1011011110 | Hexadecimal: 2DE
Decimal: 189 | Binary: 10111101 | Hexadecimal: BD
Decimal: 923 | Binary: 1110011011 | Hexadecimal: 39B
Decimal: 456 | Binary: 111001000 | Hexadecimal: 1C8
Decimal: 217 | Binary: 11011001 | Hexadecimal: D9
Decimal: 851 | Binary: 1101010011 | Hexadecimal: 353
Decimal: 394 | Binary: 110001010 | Hexadecimal: 18A
Decimal: 628 | Binary: 1001110100 | Hexadecimal: 274
Decimal: 142 | Binary: 10001110 | Hexadecimal: 8E
Decimal: 965 | Binary: 1111000101 | Hexadecimal: 3C5
Decimal: 378 | Binary: 101111010 | Hexadecimal: 17A
Decimal: 512 | Binary: 1000000000 | Hexadecimal: 200
Decimal: 839 | Binary: 1101000111 | Hexadecimal: 347
Decimal: 267 | Binary: 100001011 | Hexadecimal: 10B
Decimal: 704 | Binary: 1011000000 | Hexadecimal: 2C0
Decimal: 156 | Binary: 10011100 | Hexadecimal: 9C
Decimal: 983 | Binary: 1111010111 | Hexadecimal: 3D7
Decimal: 425 | Binary: 110101001 | Hexadecimal: 1A9
Decimal: 691 | Binary: 1010110011 | Hexadecimal: 2B3
Decimal: 238 | Binary: 11101110 | Hexadecimal: EE
Decimal: 576 | Binary: 1001000000 | Hexadecimal: 240
Decimal: 813 | Binary: 1100101101 | Hexadecimal: 32D
Decimal: 349 | Binary: 101011101 | Hexadecimal: 15D
Decimal: 662 | Binary: 1010010110 | Hexadecimal: 296
Decimal: 104 | Binary: 1101000 | Hexadecimal: 68
Decimal: 897 | Binary: 1110000001 | Hexadecimal: 381
Decimal: 531 | Binary: 1000010011 | Hexadecimal: 213
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Python
Decimal: 946 | Binary: 1110110010 | Hexadecimal: 3B2
Decimal: 391 | Binary: 110000111 | Hexadecimal: 187
Decimal: 726 | Binary: 1011010110 | Hexadecimal: 2D6
Decimal: 161 | Binary: 10100001 | Hexadecimal: A1
Decimal: 506 | Binary: 111111010 | Hexadecimal: 1FA
Decimal: 851 | Binary: 1101010011 | Hexadecimal: 353
Decimal: 396 | Binary: 110001100 | Hexadecimal: 18C
Decimal: 631 | Binary: 1001110111 | Hexadecimal: 277
Decimal: 966 | Binary: 1111000110 | Hexadecimal: 3C6
Execution Time (seconds): 0.0009701251983642578
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2>

TC6

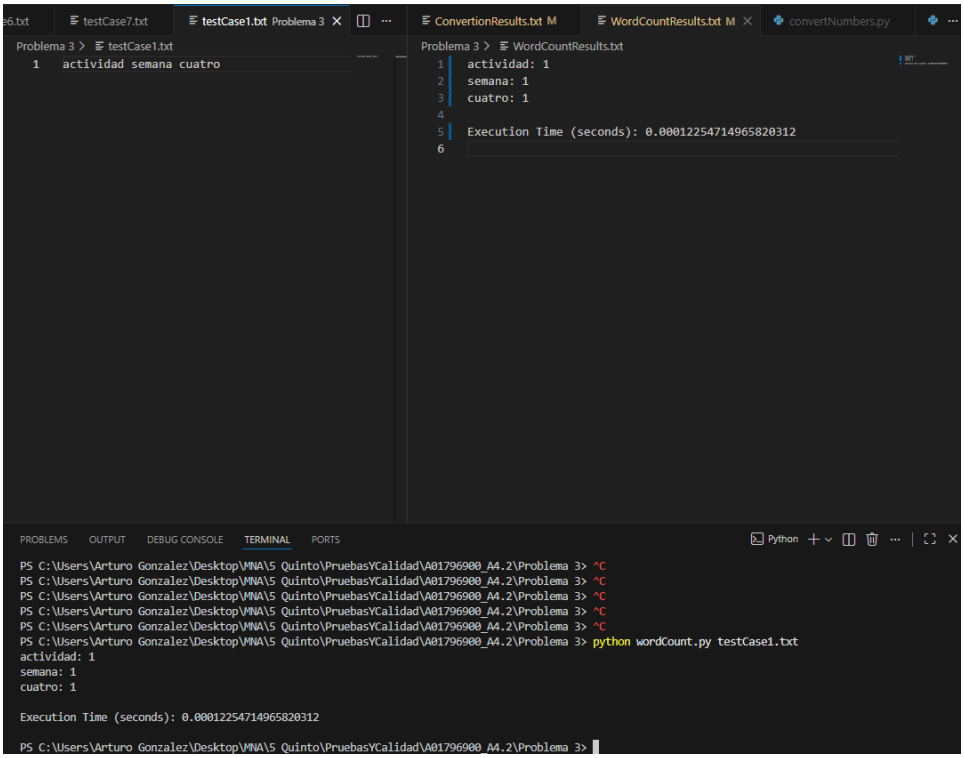

testCase4.txt
testCase5.txt
testCase6.txt
Problema 2 > testCase6.txt
5
10
ConvertionResults.txt M
convertNumbers.py
wordCount.py
testCase1
Problema 2 > ConvertionResults.txt
Decimal: 5 | Binary: 101 | Hexadecimal: 5
Decimal: 10 | Binary: 1010 | Hexadecimal: A
Execution Time (seconds): 0.0001628398895263672
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Python
Decimal: 396 | Binary: 110001100 | Hexadecimal: 18C
Decimal: 631 | Binary: 1001110111 | Hexadecimal: 277
Decimal: 966 | Binary: 1111000110 | Hexadecimal: 3C6
Execution Time (seconds): 0.0009701251983642578
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2> python convertNumbers.py testCase6.txt
Decimal: 5 | Binary: 101 | Hexadecimal: 5
Decimal: 10 | Binary: 1010 | Hexadecimal: A
Execution Time (seconds): 0.0001628398895263672
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2>

TC7

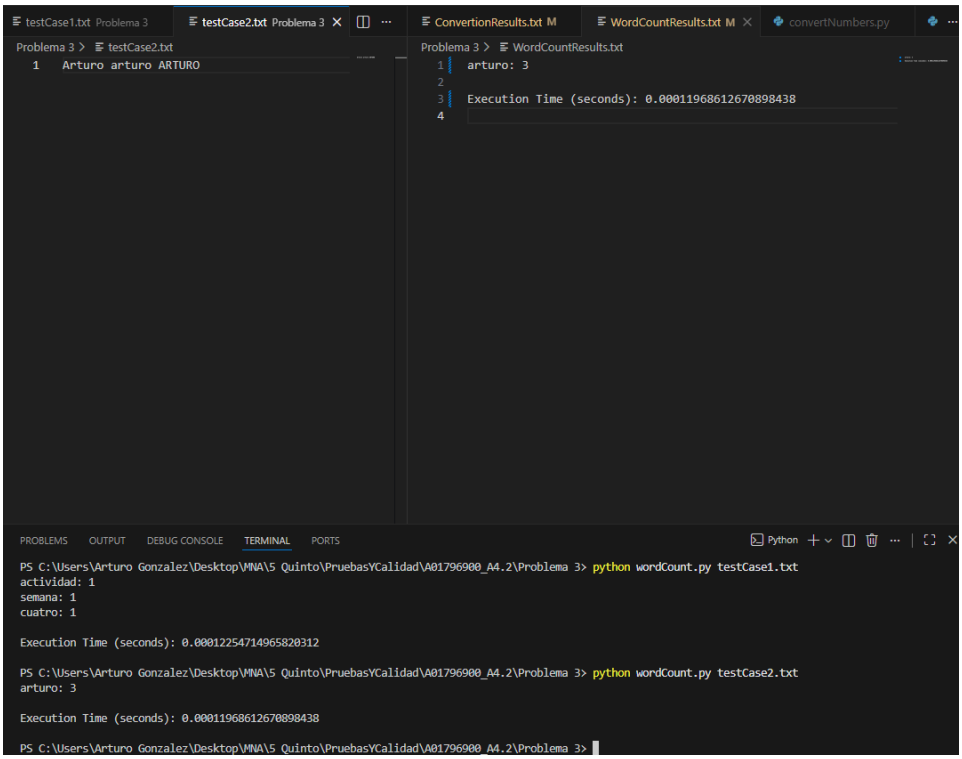

testCase5.txt
testCase6.txt
testCase7.txt
Problema 2 > testCase7.txt
1 7
ConvertionResults.txt M
convertNumbers.py
wordCount.py
testCase1
Problema 2 > ConvertionResults.txt
1 Decimal: 7 | Binary: 111 | Hexadecimal: 7
2
3 Execution Time (seconds): 0.00013637542724609375
4
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2> python convertNumbers.py testCase6.txt
Decimal: 5 | Binary: 101 | Hexadecimal: 5
Decimal: 10 | Binary: 1010 | Hexadecimal: A
Execution Time (seconds): 0.0001628398895263672
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2> python convertNumbers.py testCase7.txt
Decimal: 7 | Binary: 111 | Hexadecimal: 7
Execution Time (seconds): 0.00013637542724609375
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 2>

Word Count

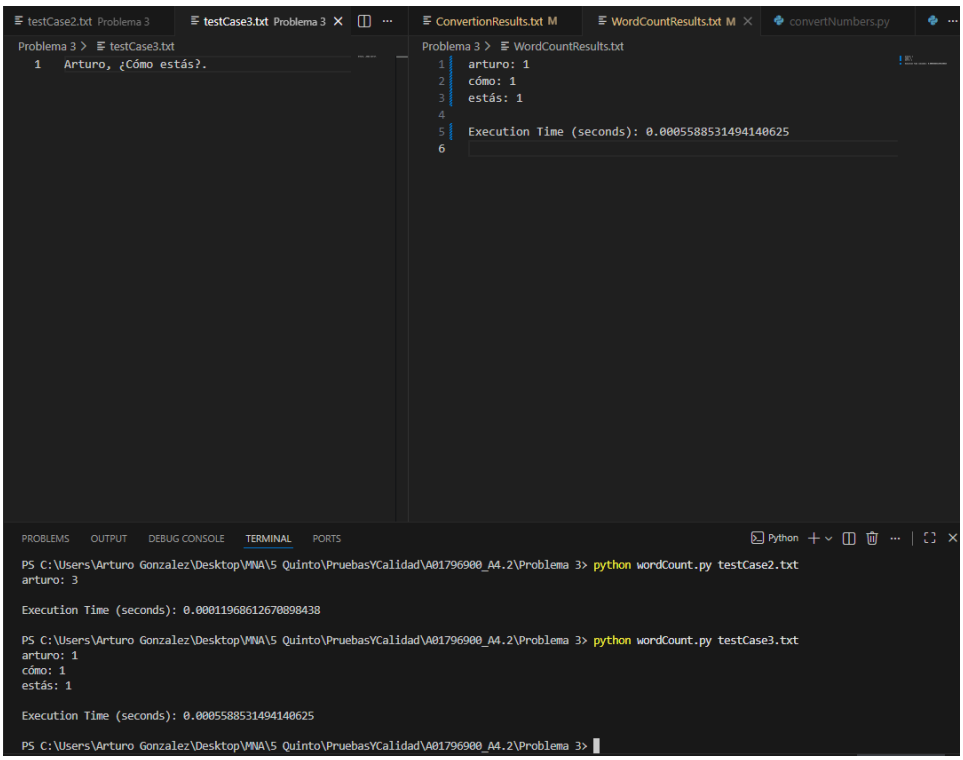
TC1



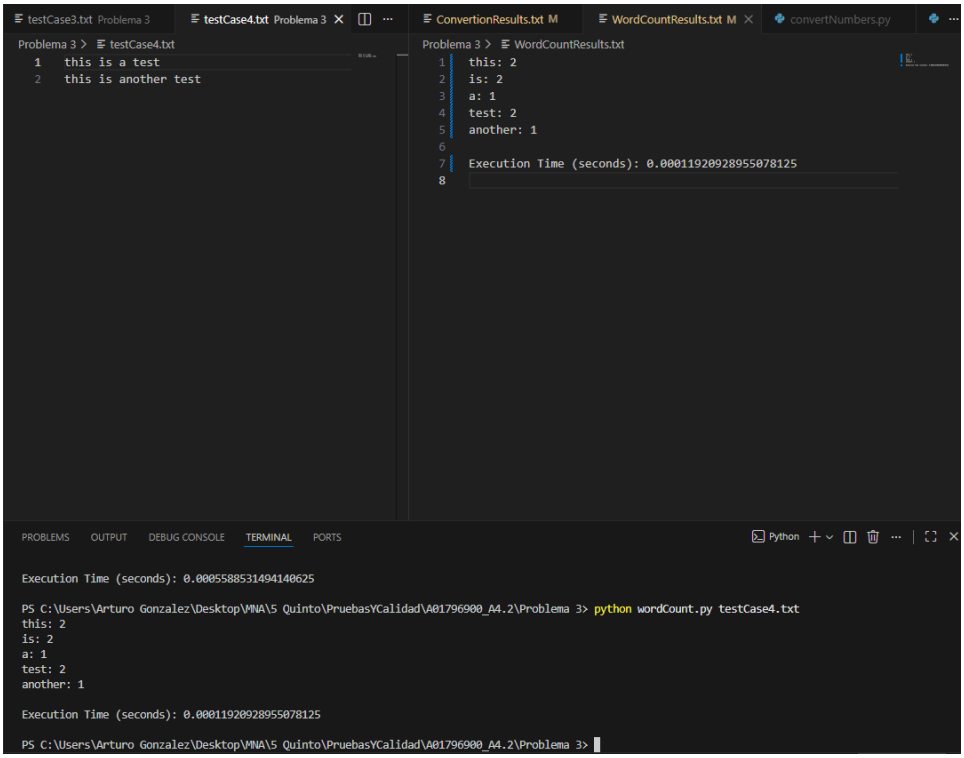
TC2



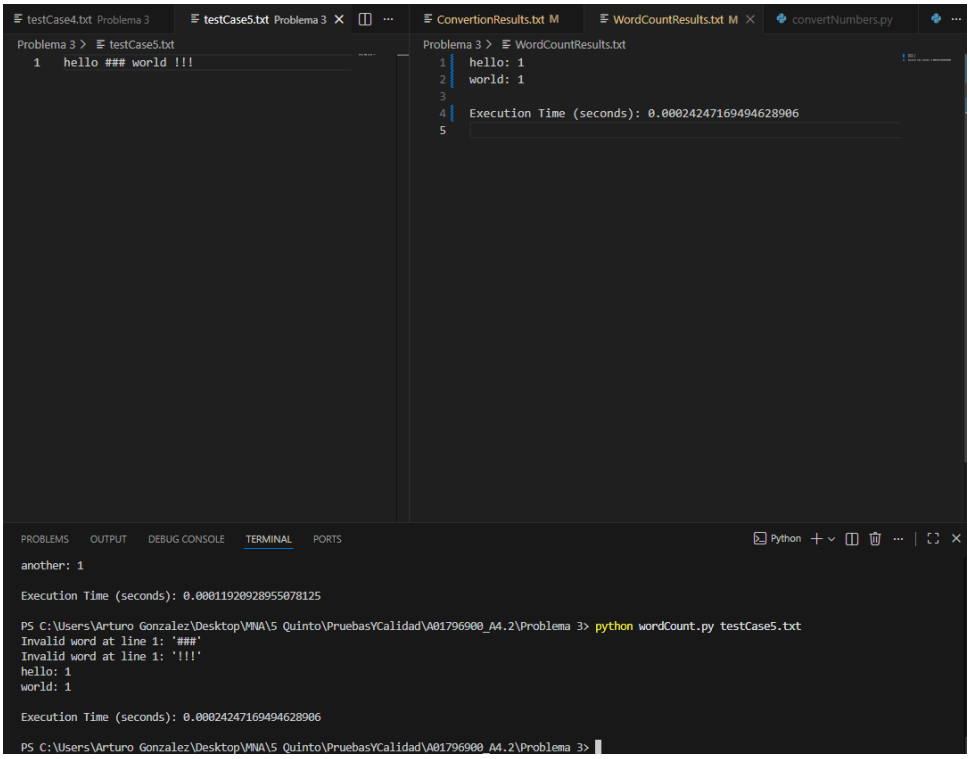
TC3


testCase2.txt Problema 3
testCase3.txt Problema 3
ConvertionResults.txt M
WordCountResults.txt M
convertNumbers.py
Problema 3 > testCase3.txt
1 Arturo, ¿Cómo estás?.
Problema 3 > WordCountResults.txt
1 arturo: 1
2 cómo: 1
3 estás: 1
5 Execution Time (seconds): 0.0005588531494140625
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 3> python wordCount.py testCase2.txt
arturo: 3
Execution Time (seconds): 0.00011968612670898438
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 3> python wordCount.py testCase3.txt
arturo: 1
cómo: 1
estás: 1
Execution Time (seconds): 0.0005588531494140625
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 3>

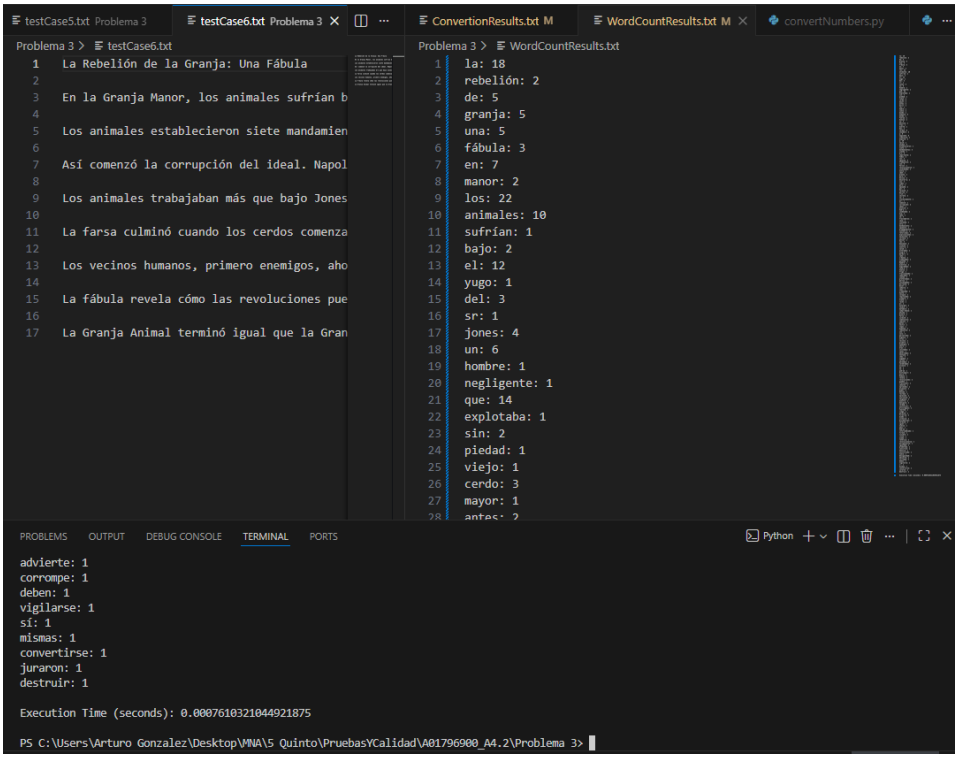
TC4


testCase3.txt Problema 3
testCase4.txt Problema 3
ConvertionResults.txt M
WordCountResults.txt M
convertNumbers.py
Problema 3 > testCase4.txt
1 this is a test
2 this is another test
Problema 3 > WordCountResults.txt
1 this: 2
2 is: 2
3 a: 1
4 test: 2
5 another: 1
7 Execution Time (seconds): 0.00011920928955078125
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
Execution Time (seconds): 0.0005588531494140625
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 3> python wordCount.py testCase4.txt
this: 2
is: 2
a: 1
test: 2
another: 1
Execution Time (seconds): 0.00011920928955078125
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 3>

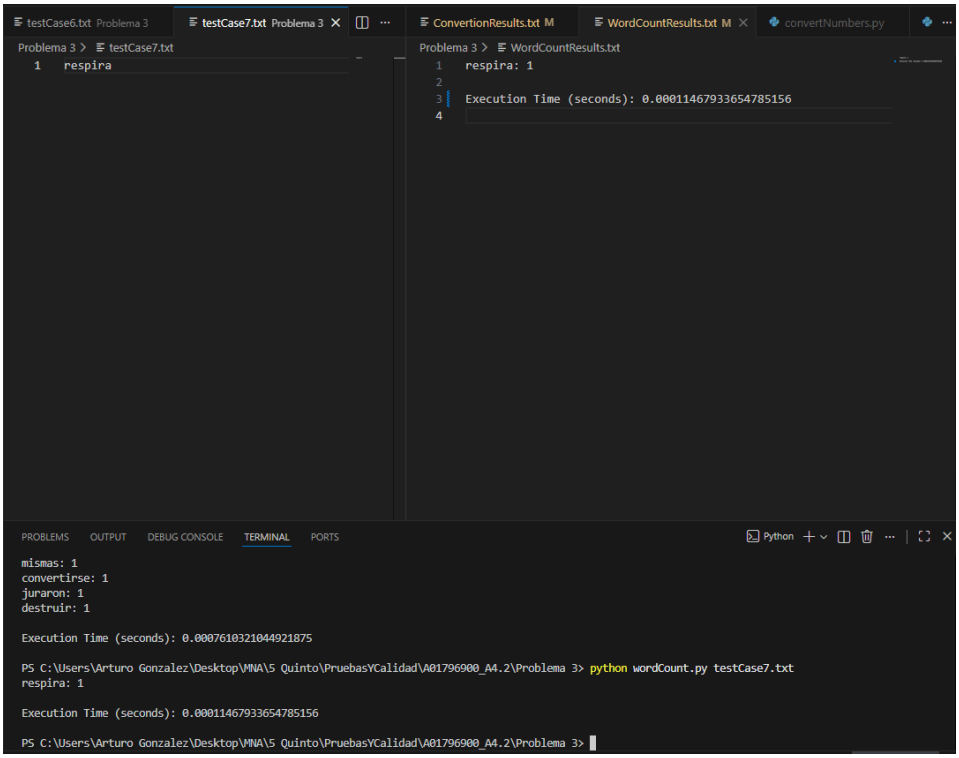
TC5


testCase4.txt Problema 3
testCase5.txt Problema 3
ConvertionResults.txt M
WordCountResults.txt M
convertNumbers.py
Problema 3 > testCase5.txt
1 hello ### world !!!
Problema 3 > WordCountResults.txt
1 hello: 1
2 world: 1
4 Execution Time (seconds): 0.00024247169494628906
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
another: 1
Execution Time (seconds): 0.00011920928955078125
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 3> python wordCount.py testCase5.txt
Invalid word at line 1: '###'
Invalid word at line 1: '!!!'
hello: 1
world: 1
Execution Time (seconds): 0.00024247169494628906
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 3>

TC6


testCase5.txt Problema 3
testCase6.txt Problema 3
ConvertionResults.txt M
WordCountResults.txt M
convertNumbers.py
Problema 3 > testCase6.txt
1 La Rebelión de la Granja: Una Fábula
3 En la Granja Manor, los animales sufrían b
5 Los animales establecieron siete mandamien
7 Así comenzó la corrupción del ideal. Napol
9 Los animales trabajaban más que bajo Jones
11 La farsa culminó cuando los cerdos comenza
13 Los vecinos humanos, primero enemigos, aho
15 La fábula revela cómo las revoluciones pue
17 La Granja Animal terminó igual que la Gran
Problema 3 > WordCountResults.txt
1 la: 18
2 rebelión: 2
3 de: 5
4 granja: 5
5 una: 5
6 fábula: 3
7 en: 7
8 manor: 2
9 los: 22
10 animales: 10
11 sufrían: 1
12 bajo: 2
13 el: 12
14 yugo: 1
15 del: 3
16 sr: 1
17 jones: 4
18 un: 6
19 hombre: 1
20 negligente: 1
21 que: 14
22 explotaba: 1
23 sin: 2
24 piedad: 1
25 viejo: 1
26 cerdo: 3
27 mayor: 1
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
advierte: 1
corrompe: 1
deben: 1
vigilarse: 1
sí: 1
mismas: 1
convertirse: 1
juraron: 1
destruir: 1
Execution Time (seconds): 0.0007610321044921875
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 3>

TC7


testCase6.txt Problema 3
testCase7.txt Problema 3
Problema 3 > testCase7.txt
1 respira
ConvertionResults.txt M
WordCountResults.txt M
convertNumbers.py
Problema 3 > WordCountResults.txt
1 respira: 1
2
3 Execution Time (seconds): 0.00011467933654785156
4
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
mismas: 1
convertirse: 1
juraron: 1
destruir: 1
Execution Time (seconds): 0.0007610321044921875
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 3> python wordCount.py testCase7.txt
respira: 1
Execution Time (seconds): 0.00011467933654785156
PS C:\Users\Arturo Gonzalez\Desktop\MNA\5 Quinto\PruebasYCalidad\A01796900_A4.2\Problema 3>