



**Instituto Tecnológico y de Estudios Superiores de Monterrey**  
**Maestría en Inteligencia Artificial Aplicada (MNA)**

## **4.2 Ejercicio de Programación 1**

**Pruebas de Software y Aseguramiento de la Calidad**

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## 1. Compute statistics

### pylint

```
(pruebas_software) oscar@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint computeStatistics.py
*****
Module computeStatistics
computeStatistics.py:21:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:29:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:37:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:40:37: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:41:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:46:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:47:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:52:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:59:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:62:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:67:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:69:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:75:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:79:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:94:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:103:0: C0303: Trailing whitespace (trailing-whitespace)
computeStatistics.py:145:0: C0304: Final newline missing (missing-final-newline)
computeStatistics.py:1:0: C0114: Missing module docstring (missing-module-docstring)
computeStatistics.py:1:0: C0103: Module name "computeStatistics" doesn't conform to snake_case naming style (invalid-name)
computeStatistics.py:4:17: W0621: Redefining name 'archivo_path' from outer scope (line 95) (redefined-outer-name)
computeStatistics.py:6:4: W0621: Redefining name 'datos' from outer scope (line 98) (redefined-outer-name)
computeStatistics.py:25:19: W0621: Redefining name 'datos' from outer scope (line 98) (redefined-outer-name)
computeStatistics.py:33:21: W0621: Redefining name 'datos' from outer scope (line 98) (redefined-outer-name)
computeStatistics.py:40:4: W0621: Redefining name 'mediana' from outer scope (line 108) (redefined-outer-name)
computeStatistics.py:42:4: R1705: Unnecessary "else" after "return", remove the "else" and de-indent the code inside it (no-else-return)
computeStatistics.py:48:18: W0621: Redefining name 'datos' from outer scope (line 98) (redefined-outer-name)
computeStatistics.py:61:4: W0621: Redefining name 'moda' from outer scope (line 109) (redefined-outer-name)
computeStatistics.py:71:22: W0621: Redefining name 'datos' from outer scope (line 98) (redefined-outer-name)
computeStatistics.py:71:29: W0621: Redefining name 'media' from outer scope (line 107) (redefined-outer-name)
computeStatistics.py:83:33: W0621: Redefining name 'varianza' from outer scope (line 110) (redefined-outer-name)
computeStatistics.py:104:0: C0103: Constant name "conteo" doesn't conform to UPPER_CASE naming style (invalid-name)
computeStatistics.py:137:0: C0103: Constant name "salida_datos" doesn't conform to UPPER_CASE naming style (invalid-name)

Your code has been rated at 6.60/10
```

```
(pruebas_software) oscar@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint computeStatistics.py
-----
Your code has been rated at 10.00/10 (previous run: 8.72/10, +1.28)
```

### Ejecuciones

- TC1

```
(pruebas_software) oscar@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python computeStatistics.py P1/TC1.txt
Media: 242.32000
Mediana: 239.50000
Moda: 393.00000
Varianza: 21099.91760
Desviación Estandar: 145.25811
Tiempo Transcurrido: 0.00333 segundos.

Resultados guardados en StatisticsResults.txt
```

```
≡ StatisticsResults.txt
1  Cantidad de Numeros: 400
2  Media: 242.32000
3  Mediana: 239.50000
4  Moda: 393.00000
5  Varianza: 21099.91760
6  Desviación Estandar: 145.25811
7  Tiempo Transcurrido: 0.00333 segundos.
```

- TC2

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python computeStatistics.py P1/TC2.txt
Media: 250.78402
Mediana: 247.00000
Moda: 230.00000
Varianza: 20785.36913
Desviación Estandar: 144.17132
Tiempo Transcurrido: 0.00403 segundos.

Resultados guardados en StatisticsResults.txt
```

```
≡ StatisticsResults.txt
1 Cantidad de Numeros: 1977
2 Media: 250.78402
3 Mediana: 247.00000
4 Moda: 230.00000
5 Varianza: 20785.36913
6 Desviación Estandar: 144.17132
7 Tiempo Transcurrido: 0.00403 segundos.
```

- TC3

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python computeStatistics.py P1/TC3.txt
Media: 249.77622
Mediana: 249.00000
Moda: 94.00000
Varianza: 21117.27747
Desviación Estandar: 145.31785
Tiempo Transcurrido: 0.00969 segundos.

Resultados guardados en StatisticsResults.txt
```

```
≡ StatisticsResults.txt
1 Cantidad de Numeros: 12624
2 Media: 249.77622
3 Mediana: 249.00000
4 Moda: 94.00000
5 Varianza: 21117.27747
6 Desviación Estandar: 145.31785
7 Tiempo Transcurrido: 0.00969 segundos.
```

- TC4

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python computeStatistics.py P1/TC4.txt
Media: 149.00267
Mediana: 147.75000
Moda: 123.75000
Varianza: 17007.92084
Desviación Estandar: 130.41442
Tiempo Transcurrido: 0.01238 segundos.

Resultados guardados en StatisticsResults.txt
```

```
≡ StatisticsResults.txt
1 Cantidad de Numeros: 12624
2 Media: 149.00267
3 Mediana: 147.75000
4 Moda: 123.75000
5 Varianza: 17007.92084
6 Desviación Estandar: 130.41442
7 Tiempo Transcurrido: 0.01238 segundos.
```

- TC5

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python computeStatistics.py P1/TC5.txt
Error en linea 5: 'ABA'
Error en linea 155: '23,45'
Error en linea 232: '11;54'
Error en linea 239: 'll'

Media: 241.49511
Mediana: 241.00000
Moda: 393.00000
Varianza: 21160.02196
Desviación Estandar: 145.46485
Tiempo Transcurrido: 0.00251 segundos.'
```

Resultados guardados en StatisticsResults.txt

```
≡ StatisticsResults.txt
1 Cantidad de Numeros: 307
2 Media: 241.49511
3 Mediana: 241.00000
4 Moda: 393.00000
5 Varianza: 21160.02196
6 Desviación Estandar: 145.46485
7 Tiempo Transcurrido: 0.00251 segundos.
```

- TC6

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python computeStatistics.py P1/TC6.txt
Media: 187906599279774433280.00000
Mediana: 188008049965542998016.00000
Moda: 127620004531948994560.00000
Varianza: 11530904699530639609399804093183914147840.00000
Desviación Estandar: 107382050173809967104.00000
Tiempo Transcurrido: 0.01499 segundos.'
```

Resultados guardados en StatisticsResults.txt

```
≡ StatisticsResults.txt
1 Cantidad de Numeros: 3000
2 Media: 187906599279774433280.00000
3 Mediana: 188008049965542998016.00000
4 Moda: 127620004531948994560.00000
5 Varianza: 11530904699530639609399804093183914147840.00000
6 Desviación Estandar: 107382050173809967104.00000
7 Tiempo Transcurrido: 0.01499 segundos.
```

- TC7

```
(pruebas_software) oscar@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python computeStatistics.py P1/TC7.txt
Error en linea 183: 'ABBA'
Error en linea 229: 'ERROR'

Media: 247467395499716247552.00000
Mediana: 246640973074290016256.00000
Moda: 157638329490099011584.00000
Varianza: 20910793147136445076788314656561722032128.00000
Desviación Estandar: 144605647009846902784.00000
Tiempo Transcurrido: 0.01907 segundos.

Resultados guardados en StatisticsResults.txt
```

StatisticsResults.txt

```
1 Cantidad de Numeros: 12767
2 Media: 247467395499716247552.00000
3 Mediana: 246640973074290016256.00000
4 Moda: 157638329490099011584.00000
5 Varianza: 20910793147136445076788314656561722032128.00000
6 Desviación Estandar: 144605647009846902784.00000
7 Tiempo Transcurrido: 0.01907 segundos.
```

## 2. Converter

### pylint

```
(pruebas_software) oscar@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint convertNumbers.py
*****
Module convertNumbers
convertNumbers.py:17:0: C0301: Line too long (133/100) (line-too-long)
convertNumbers.py:17:0: C0325: Unnecessary parens after '=' keyword (superfluous-parens)
convertNumbers.py:25:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:31:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:34:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:39:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:45:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:48:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:50:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:51:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:54:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:57:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:62:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:65:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:71:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:74:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:84:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:1:0: C0114: Missing module docstring (missing-module-docstring)
convertNumbers.py:1:0: C0103: Module name "convertNumbers" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:4:12: W0621: Redefining name 'archivo_path' from outer scope (line 85) (redefined-outer-name)
convertNumbers.py:6:4: W0621: Redefining name 'resultados' from outer scope (line 87) (redefined-outer-name)
convertNumbers.py:8:58: W0621: Redefining name 'archivo' from outer scope (line 4) (redefined-outer-name)
convertNumbers.py:9:30: W0621: Redefining name 'linea' from outer scope (line 100) (redefined-outer-name)

-----
Your code has been rated at 6.85/10
```

```
(pruebas_software) oscar@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint convertNumbers.py
*****
Module convertNumbers
convertNumbers.py:21:94: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:50:0: C0303: Trailing whitespace (trailing-whitespace)
```

Your code has been rated at 9.73/10 (previous run: 6.85/10, +2.88)

```
(pruebas_software) oscar@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint convertNumbers.py
```

Your code has been rated at 10.00/10 (previous run: 9.73/10, +0.27)

## Ejecuciones

- TC1

```
(pruebas_software) oscar@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python convertNumbers.py P2/TC1.txt
Tiempo Transcurrido: 0.00266 segundos.
Resultados guardados en ConversionResults.txt
```

```
ConversionResults.txt
1 Elemento: 6980368, Valor Binario: 11010101000001100010000, Valor Hexadecimal: 6A8310
2 Elemento: 5517055, Valor Binario: 10101000010111011111111, Valor Hexadecimal: 542EFF
3 Elemento: 1336159, Valor Binario: 101000110001101011111, Valor Hexadecimal: 14635F
4 Elemento: 6750185, Valor Binario: 110011011111111101001, Valor Hexadecimal: 66FFE9
5 Elemento: 1771937, Valor Binario: 110110000100110100001, Valor Hexadecimal: 1B09A1
6 Elemento: 360952, Valor Binario: 101100000111111000, Valor Hexadecimal: 581F8
7 Elemento: 5672561, Valor Binario: 10101101000111001110001, Valor Hexadecimal: 568E71
8 Elemento: 916583, Valor Binario: 1101111110001100111, Valor Hexadecimal: DFC67
9 Elemento: 2700138, Valor Binario: 1010010011001101010, Valor Hexadecimal: 29336A
10 Elemento: 9645053, Valor Binario: 10010011001010111111101, Valor Hexadecimal: 932BFD
11 Elemento: 1181110, Valor Binario: 10010000001011011010, Valor Hexadecimal: 1205B6
12 Elemento: 1492185, Valor Binario: 101101100010011011001, Valor Hexadecimal: 16C4D9
13 Elemento: 4018595, Valor Binario: 1111010101000110100011, Valor Hexadecimal: 3D51A3
14 Elemento: 7654888, Valor Binario: 11101001100110111101000, Valor Hexadecimal: 74CDE8
15 Elemento: 7062453, Valor Binario: 11010111100001110110101, Valor Hexadecimal: 6BC3B5
16 Elemento: 2478010, Valor Binario: 1001011100111110111010, Valor Hexadecimal: 25CFBA
17 Elemento: 6134768, Valor Binario: 10111011001101111110000, Valor Hexadecimal: 5D9BF0
18 Elemento: 8420417, Valor Binario: 10000000011110001000001, Valor Hexadecimal: 807C41
19 Elemento: 2917489, Valor Binario: 1011001000010001110001, Valor Hexadecimal: 2C8471
20 Elemento: 3340773, Valor Binario: 1100101111100111100101, Valor Hexadecimal: 32F9E5
21 Elemento: 1115956, Valor Binario: 100010000011100110100, Valor Hexadecimal: 110734
22 Elemento: 9172192, Valor Binario: 10001011111010011100000, Valor Hexadecimal: 8BF4E0
23 Elemento: 6271996, Valor Binario: 1011111101100111111100, Valor Hexadecimal: 5FB3FC
24 Elemento: 8686939, Valor Binario: 100001001000110101011011, Valor Hexadecimal: 848D5B
25 Elemento: 50986, Valor Binario: 1100011100101010, Valor Hexadecimal: C72A
```

- TC2

```
(pruebas_software) oscar@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python convertNumbers.py P2/TC2.txt
Tiempo Transcurrido: 0.00334 segundos.
Resultados guardados en ConversionResults.txt
```

```
ConversionResults.txt
1 Elemento: 7116776, Valor Binario: 1101100100101111101000, Valor Hexadecimal: 6C97E8
2 Elemento: 1666340, Valor Binario: 11001011010100100100, Valor Hexadecimal: 196D24
3 Elemento: 8886983, Valor Binario: 10000111001101011000111, Valor Hexadecimal: 879AC7
4 Elemento: 839365, Valor Binario: 11001100111011000101, Valor Hexadecimal: CCEC5
5 Elemento: 924280, Valor Binario: 1100000110100111000, Valor Hexadecimal: E1A78
6 Elemento: 1026310, Valor Binario: 11111010100100000110, Valor Hexadecimal: FA906
7 Elemento: 1615293, Valor Binario: 11000101001011011101, Valor Hexadecimal: 18A5BD
8 Elemento: 1063875, Valor Binario: 10000001101111000011, Valor Hexadecimal: 103BC3
9 Elemento: 679035, Valor Binario: 10100101110001111011, Valor Hexadecimal: A5C7B
10 Elemento: 5201970, Valor Binario: 10011101010000000110010, Valor Hexadecimal: 4F6032
11 Elemento: 593979, Valor Binario: 100100010000000111011, Valor Hexadecimal: 9103B
12 Elemento: 801371, Valor Binario: 11000011101001011011, Valor Hexadecimal: C3A5B
13 Elemento: 3796878, Valor Binario: 111001111011110001110, Valor Hexadecimal: 39EF8E
14 Elemento: 7489201, Valor Binario: 1110010010001101011001, Valor Hexadecimal: 7246B1
15 Elemento: 9740020, Valor Binario: 1001010010011101110100, Valor Hexadecimal: 949EF4
16 Elemento: 9128737, Valor Binario: 10001011010010110010001, Valor Hexadecimal: 8B4B21
17 Elemento: 5473463, Valor Binario: 10100111000010010110111, Valor Hexadecimal: 5384B7
18 Elemento: 8701957, Valor Binario: 100001001100100000000101, Valor Hexadecimal: 84C805
19 Elemento: 8238050, Valor Binario: 111101101100111100010, Valor Hexadecimal: 7DB3E2
20 Elemento: 8679038, Valor Binario: 10000100011011100111110, Valor Hexadecimal: 846E7E
21 Elemento: 385912, Valor Binario: 1011110001101111000, Valor Hexadecimal: 5E378
22 Elemento: 5867340, Valor Binario: 1011001100001101001100, Valor Hexadecimal: 59874C
23 Elemento: 4894542, Valor Binario: 1001010101011101001110, Valor Hexadecimal: 4AAF4E
24 Elemento: 8999451, Valor Binario: 100010010101001000011011, Valor Hexadecimal: 89521B
25 Elemento: 4392535, Valor Binario: 10000110000011001010111, Valor Hexadecimal: 430657
```

- TC3

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python convertNumbers.py P2/TC3.txt
Tiempo Transcurrido: 0.00309 segundos.

Resultados guardados en ConversionResults.txt
```

```
ConversionResults.txt
1 Elemento: -39, Valor Binario: -100111, Valor Hexadecimal: -27
2 Elemento: -36, Valor Binario: -100100, Valor Hexadecimal: -24
3 Elemento: 8, Valor Binario: 1000, Valor Hexadecimal: 8
4 Elemento: 34, Valor Binario: 100010, Valor Hexadecimal: 22
5 Elemento: 17, Valor Binario: 100001, Valor Hexadecimal: 11
6 Elemento: 49, Valor Binario: 110001, Valor Hexadecimal: 31
7 Elemento: 5, Valor Binario: 101, Valor Hexadecimal: 5
8 Elemento: 39, Valor Binario: 100111, Valor Hexadecimal: 27
9 Elemento: 0, Valor Binario: 0, Valor Hexadecimal: 0
10 Elemento: 33, Valor Binario: 100001, Valor Hexadecimal: 21
11 Elemento: 12, Valor Binario: 1100, Valor Hexadecimal: C
12 Elemento: -6, Valor Binario: -110, Valor Hexadecimal: -6
13 Elemento: 27, Valor Binario: 11011, Valor Hexadecimal: 1B
14 Elemento: -4, Valor Binario: -100, Valor Hexadecimal: -4
15 Elemento: -38, Valor Binario: -100110, Valor Hexadecimal: -26
16 Elemento: 26, Valor Binario: 11010, Valor Hexadecimal: 1A
17 Elemento: 49, Valor Binario: 110001, Valor Hexadecimal: 31
18 Elemento: 29, Valor Binario: 11101, Valor Hexadecimal: 1D
19 Elemento: 42, Valor Binario: 101010, Valor Hexadecimal: 2A
20 Elemento: -16, Valor Binario: -10000, Valor Hexadecimal: -10
21 Elemento: -28, Valor Binario: -11100, Valor Hexadecimal: -1C
22 Elemento: 34, Valor Binario: 100010, Valor Hexadecimal: 22
23 Elemento: 20, Valor Binario: 10100, Valor Hexadecimal: 14
24 Elemento: 0, Valor Binario: 0, Valor Hexadecimal: 0
25 Elemento: 25, Valor Binario: 11001, Valor Hexadecimal: 19
```

- TC4

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python convertNumbers.py P2/TC4.txt
Error en linea 8: 'ABC'
Error en linea 21: 'ERR'
Error en linea 41: 'VAL'

Tiempo Transcurrido: 0.00309 segundos.

Resultados guardados en ConversionResults.txt
```

```
ConversionResults.txt
1  Elemento: -39, Valor Binario: -100111, Valor Hexadecimal: -27
2  Elemento: -36, Valor Binario: -100100, Valor Hexadecimal: -24
3  Elemento: 8, Valor Binario: 1000, Valor Hexadecimal: 8
4  Elemento: 34, Valor Binario: 100010, Valor Hexadecimal: 22
5  Elemento: 17, Valor Binario: 10001, Valor Hexadecimal: 11
6  Elemento: 49, Valor Binario: 110001, Valor Hexadecimal: 31
7  Elemento: 5, Valor Binario: 101, Valor Hexadecimal: 5
8  Valor Invalido: ABC
9  Elemento: 0, Valor Binario: 0, Valor Hexadecimal: 0
10 Elemento: 33, Valor Binario: 100001, Valor Hexadecimal: 21
11 Elemento: 12, Valor Binario: 1100, Valor Hexadecimal: C
12 Elemento: -6, Valor Binario: -110, Valor Hexadecimal: -6
13 Elemento: 27, Valor Binario: 11011, Valor Hexadecimal: 1B
14 Elemento: -4, Valor Binario: -100, Valor Hexadecimal: -4
15 Elemento: -38, Valor Binario: -100110, Valor Hexadecimal: -26
16 Elemento: 26, Valor Binario: 11010, Valor Hexadecimal: 1A
17 Elemento: 49, Valor Binario: 110001, Valor Hexadecimal: 31
18 Elemento: 29, Valor Binario: 11101, Valor Hexadecimal: 1D
19 Elemento: 42, Valor Binario: 101010, Valor Hexadecimal: 2A
20 Elemento: -16, Valor Binario: -10000, Valor Hexadecimal: -10
21 Valor Invalido: ERR
22 Elemento: 34, Valor Binario: 100010, Valor Hexadecimal: 22
23 Elemento: 20, Valor Binario: 10100, Valor Hexadecimal: 14
24 Elemento: 0, Valor Binario: 0, Valor Hexadecimal: 0
25 Elemento: 25, Valor Binario: 11001, Valor Hexadecimal: 19
```

### 3. Count Words

#### pylint

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint wordCount.py
*****
Module wordCount
wordCount.py:5:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:7:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:12:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:15:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:17:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:20:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:28:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:38:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:49:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:56:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:74:0: C0304: Final newline missing (missing-final-newline)
wordCount.py:1:0: C0114: Missing module docstring (missing-module-docstring)
wordCount.py:1:0: C0103: Module name "wordCount" doesn't conform to snake_case naming style (invalid-name)
wordCount.py:4:0: C0116: Missing function or method docstring (missing-function-docstring)
wordCount.py:4:12: W0621: Redefining name 'archivo_path' from outer scope (line 39) (redefined-outer-name)
wordCount.py:9:58: W0621: Redefining name 'archivo' from outer scope (line 4) (redefined-outer-name)
wordCount.py:10:30: W0621: Redefining name 'linea' from outer scope (line 52) (redefined-outer-name)
wordCount.py:18:20: W0621: Redefining name 'palabra' from outer scope (line 50) (redefined-outer-name)
wordCount.py:10:16: W0612: Unused variable 'numero_linea' (unused-variable)
wordCount.py:65:0: C0103: Constant name "salida_datos" doesn't conform to UPPER_CASE naming style (invalid-name)

-----
Your code has been rated at 5.65/10
```

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint wordCount.py
*****
Module wordCount
wordCount.py:60:0: C0303: Trailing whitespace (trailing-whitespace)
wordCount.py:8:0: C0116: Missing function or method docstring (missing-function-docstring)
```

```
-----
Your code has been rated at 9.57/10 (previous run: 5.65/10, +3.91)
```

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint wordCount.py
```

```
-----
Your code has been rated at 10.00/10 (previous run: 9.57/10, +0.43)
```

## Ejecuciones

- TC1

```
(pruebas_software) oscar@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python wordCount.py P3/TC1.txt  
achievement: 1  
adequate: 1  
adventures: 1  
anal: 1  
andrews: 1  
assessed: 1  
bedding: 1  
blues: 1  
buying: 1  
cartridge: 1  
cgi: 1  
championship: 1  
clear: 1  
club: 1  
coastal: 1  
collect: 1  
comm: 1  
confirm: 1  
conservative: 2  
consistent: 1  
contamination: 1  
could: 1
```

```
WordCountResults.txt  
75 pin: 1  
76 potentially: 1  
77 pubmed: 1  
78 recorded: 1  
79 regulatory: 1  
80 rl: 1  
81 scoring: 1  
82 seats: 1  
83 seed: 1  
84 shadow: 1  
85 shower: 1  
86 significance: 1  
87 sparc: 1  
88 sure: 1  
89 tab: 1  
90 taxes: 1  
91 tea: 1  
92 teaches: 1  
93 tions: 1  
94 trained: 1  
95 uni: 1  
96 vagina: 1  
97 wan: 1  
98 webcast: 1  
99 worse: 1  
100  
101 Tiempo Transcurrido: 0.00290 segundos.
```

- TC2

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python wordCount.py P3/TC2.txt  
advantages: 1  
afternoon: 1  
algebra: 1  
amongst: 4  
amounts: 1  
anchor: 1  
answering: 1  
apache: 1  
atomic: 1  
attending: 1  
automation: 1  
bases: 1  
biz: 1  
blowjob: 1  
boots: 1  
brass: 4  
builders: 1  
cannon: 1  
catalog: 1  
chain: 4  
cheese: 1  
chosen: 1  
clan: 1  
classes: 1  
come: 1  
comic: 1  
compatibility: 1  
conduct: 1  
conferencing: 1
```

```
WordCountResults.txt  
114    rio: 1  
115    rule: 1  
116    sectors: 1  
117    serious: 1  
118    sides: 1  
119    sorry: 1  
120    southampton: 1  
121    sq: 1  
122    ss: 1  
123    steve: 1  
124    stores: 1  
125    str: 1  
126    sweden: 1  
127    table: 1  
128    targeted: 4  
129    tba: 1  
130    teen: 1  
131    textiles: 1  
132    tiger: 1  
133    touch: 1  
134    turkish: 1  
135    undo: 1  
136    unity: 1  
137    variety: 1  
138    vessels: 1  
139    vice: 1  
140    violence: 1  
141    way: 1  
142    weight: 1  
143    win: 1  
144    wood: 3  
145  
146    Tiempo Transcurrido: 0.00235 segundos.
```

- TC3

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python wordCount.py P3/TC3.txt  
acquisition: 1  
advances: 1  
affects: 1  
aids: 1  
allergy: 1  
ambient: 1  
an: 1  
analyzed: 1  
antiques: 1  
apple: 1  
archive: 1  
archived: 1  
argued: 1  
aruba: 1  
aside: 1  
assembled: 1  
aw: 1  
ban: 1  
bangbus: 1  
basin: 1  
bedrooms: 1  
beds: 1  
belt: 1  
benchmark: 1  
bestiality: 1
```

```
WordCountResults.txt
```

```
459 uses: 1  
460 utils: 1  
461 vagina: 1  
462 validity: 1  
463 vibrators: 1  
464 victory: 1  
465 virginia: 1  
466 voice: 1  
467 vs: 1  
468 waiver: 1  
469 wal: 1  
470 walking: 1  
471 want: 1  
472 waste: 1  
473 wave: 1  
474 webshots: 1  
475 widely: 1  
476 williams: 1  
477 windsor: 1  
478 wma: 1  
479 women: 1  
480 wonder: 1  
481 wooden: 1  
482 works: 1  
483 wrote: 1  
484 ya: 1  
485 you: 1  
486 z: 1  
487 zdnet: 1  
488  
489 Tiempo Transcurrido: 0.00238 segundos.
```

- TC4

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python wordCount.py P3/TC4.txt  
adjustable: 1  
admin: 1  
adolescent: 1  
albuquerque: 1  
alternatives: 1  
amazon: 1  
analyst: 1  
annual: 2  
appreciate: 1  
approve: 1  
ar: 1  
arabia: 1  
architects: 1  
arthritis: 1  
asian: 1  
assessed: 1  
assigned: 1  
ata: 1  
ate: 1  
attention: 1  
audit: 1  
australian: 1  
az: 1
```

```
WordCountResults.txt  
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  
951 Tiempo Transcurrido: 0.00349 segundos.
```

- TC5

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ python wordCount.py P3/TC5.txt  
acquired: 1  
adjust: 1  
advantage: 1  
affairs: 1  
afterwards: 1  
agenda: 1  
aim: 1  
albums: 1  
allowed: 1  
americans: 1  
amsterdam: 1  
andy: 1  
anthropology: 1  
antique: 1  
anybody: 1  
anytime: 1  
anywhere: 1  
appearing: 1  
applied: 1  
ar: 2  
argue: 1  
arise: 1  
arkansas: 1  
asin: 1
```

```
WordCountResults.txt  
3723    xml: 2  
3724    yamaha: 1  
3725    yang: 1  
3726    yarn: 3  
3727    ye: 1  
3728    yea: 1  
3729    yeah: 1  
3730    year: 1  
3731    yearly: 1  
3732    yeast: 1  
3733    yemen: 1  
3734    yen: 1  
3735    yesterday: 2  
3736    yield: 2  
3737    yields: 1  
3738    yn: 1  
3739    yo: 2  
3740    you: 1  
3741    younger: 1  
3742    yourself: 1  
3743    yr: 2  
3744    yrs: 3  
3745    yugoslavia: 1  
3746    yukon: 1  
3747    zambia: 1  
3748    zdnet: 2  
3749    zealand: 1  
3750    zen: 1  
3751  
3752    Tiempo Transcurrido: 0.00817 segundos.
```