

Instituto Tecnológico de Estudios Superiores de Monterrey

Curso:

Pruebas de software y aseguramiento de la calidad

Actividad:

4.2 Ejercicios de Programacion 1

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Problema 1:

Programa 1. Correcta Ejecución de Casos de Prueba

```
COUNT: 400
   README.md
                                                                                                                                       MEAN: 242.320000
    StatisticsResults.txt
                                                                                                                                       MEDIAN: 239.500000
   TC1.txt
                                                                                                                                       MODE: 393.000000
                                                                                                                                     AD: 145.258107
   TC3.txt
                                                                                                                                     VARIANCE: 21099.917600
                                                                                                                                      Time Elapsed: 0.00 seconds
   TC6.txt
                                                                                                                                      TC2:
                                                                                                                                   COUNT: 1977
                                                                                                                                   MEAN: 250.784016
A4.2.P2.Results
                                                                                                                                    MEDIAN: 247.000000
   ConvertionResults.txt
                                                                                                                    15 MODE: 230.000000
   convertNumbers.py
                                                                                                                   16 AD: 144.171319
17 VARIANCE: 20785.369132
   README.md
   TC1.txt
                                                                                                                   18 Time Elapsed: 0.00 seconds
                                                                                                                                   TC3:
  TC4.txt
                                                                                                                    21 COUNT: 12624
                                                                                                                                   MEAN: 249.776220
                                                                                                                   23 MEDIAN: 249.000000
  P2.code-workspace
                                                                                                                   24 MODE: 94.000000
   README.md
    TC1.Results.txt
                                                                                                        automatic-video-Pl python computeStatistics.py TC1.txt Descriptive Statistics:TC1 MEAN: 242.320000 MEDIAN: 239.500000 MEDIAN: 259.78400000 MEDIAN: 259.784016 MEDIAN: 250.784016 MEDIAN: 240.000000 MEDIAN: 250.784016 MEDIAN: 250.784016 MEDIAN: 250.784016 MEDIAN: 250.784016 MEDIAN: 250.5000000 MEDIAN: 240.000000 MEDIAN
                                                                                                                SPELL CHECKER 1 OUTPUT DEBUG CONSOLE TERMINAL PROBLEMS 2 PORTS
   TC2.Results.txt

☐ TC2.txt
    TC3.Results.txt
   TC3.txt
   TC4.Results.txt
   TC5.Results.txt
   wordCount.py
   WordCountResults.txt
 A4.2.P1.Results_V1.txt
 A4.2.P1.Results.txt
```

Programa 1. Análisis de Errores de Pylint - PEP 8

```
SPELL CHECKER 1 OUTPUT DEBUG CONSOLE TERMINAL PROBLEMS 1 PORTS

automatic-video→ TEST-QA pylint P1/computeStatistics.py

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

automatic-video→ TEST-QA pylint P2/convertNumbers.py

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

automatic-video→ TEST-QA pylint P3/wordCount.py

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

automatic-video→ TEST-QA ■
```

Problema 2:

Programa 2. Correcta Ejecución de Casos de Prueba

```
SPELL CHECKER 1
                                                                                     PROBLEMS 1
                             OUTPUT
                                                                    TERMINAL
 Error handled on line 8: ABC
 Error handled on line 21: ERR
 Error handled on line 41: VAL
 automatic-video→ P2 python convertNumbers.py TC4.txt
NUMBER TC4 BINARY HEXADECIMAL
0 -39 1111011001 00000027
0 -39
1 -36
2 8
3 34
4 17
5 49
6 5
7 0
8 33
9 12
            1111011100
                                 00000024
         1000
           100010
           10001
                        11
31
          110001
          101
         0 0
100001
           1100
             1111111010
                                 00000006
 10 -6
11 27
12 -4
13 -38
14 26
15 49
16 29
17 42
18 -16
19 34
20 20
22 25
23 45
24 3
             11011
                         1B
             1111111100
                                 00000004
             1111011010
                                  00000026
             11010
                         1A
             110001
                          31
             11101
                          1D
             101010
                          2A
            1111110000
100010 22
                                  11111110
                          22
                          14
            10100
            11001
                          19
            101101
                          2D
             1111010010
1111010010
                                  0000002E
0000002E
 25 -46
 26 -46
```

Programa 2. Análisis de Errores de Pylint - PEP 8

```
SPELL CHECKER 1 OUTPUT DEBUG CONSOLE TERMINAL PROBLEMS 1 PORTS

automatic-video TEST-QA pylint P1/computeStatistics.py

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

automatic-video TEST-QA pylint P2/convertNumbers.py

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

automatic-video TEST-QA pylint P3/wordCount.py

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

automatic-video TEST-QA TEST-QA
```

Problema 3:

Programa 3. Correcta Ejecución de Casos de Prueba

SPELL CHECKER	68	OUTPUT	DEBUG CONSOLE	TERMINAL	PROBLEMS	68
andrews 1						
assessed	1					
adventures	1					
meals 1						
mortality	1					
club 1						
mon 1						
comm 1						
blues 1						
collect 1 lies 1						
seats 1						
worse 1						
guestbook	1					
influences	1					
kodak 1	_					
significance	1					
coastal 1						
Grand Total	100					
Time Flanced	0 0001	ceconde				
Time Elapsed: 0.0001 seconds automatic-video→ P3 python wordCount.py TC1.txt						
Addromatic video P 13 python wordcount py reint						

Programa 3 . Análisis de Errores de Pylint – PEP 8

