



TC4017.10. Pruebas de software y aseguramiento de la calidad

Ejercicios de Programación

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Grupo:
10

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Liga al repositorio:

[ArielCortes3/EjerciciodeProgramacion](#)

En el repositorio se incluyen:

- Códigos para los tres ejercicios.
- Archivos txt que se nos dio para hacer las pruebas + los resultados que se nos dieron para comparar.
- Archivos txt con los resultados que arrojo el código. El código los reescribía cada que lo volvía a ejecutar, así que los renombre para que los pueda visualizar, pero no puse eso en el código porque no era un requerimiento.

Uso de pylint:

En los tres códigos use # pylint: disable=invalid-name, ya que pylint decía que el nombre no estaba en un formato correcto, pero los requerimientos pedían que ese fuera el nombre.

Primer código:

```
(base) C:\Users\jesus\Downloads\Ejercicios de Programación\P1>pylint computeStatistics.py
***** Module computeStatistics
computeStatistics.py:1:0: C0114: Missing module docstring (missing-module-docstring)
computeStatistics.py:7:0: C0116: Missing function or method docstring (missing-function-docstring)
computeStatistics.py:10:13: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)
computeStatistics.py:22:0: C0116: Missing function or method docstring (missing-function-docstring)
computeStatistics.py:27:0: C0116: Missing function or method docstring (missing-function-docstring)
computeStatistics.py:36:0: C0116: Missing function or method docstring (missing-function-docstring)
computeStatistics.py:45:0: C0116: Missing function or method docstring (missing-function-docstring)
computeStatistics.py:49:0: C0116: Missing function or method docstring (missing-function-docstring)
computeStatistics.py:53:0: C0116: Missing function or method docstring (missing-function-docstring)
computeStatistics.py:83:9: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)

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Your code has been rated at 8.28/10

(base) C:\Users\jesus\Downloads\Ejercicios de Programación\P1>pylint computeStatistics.py
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Your code has been rated at 10.00/10 (previous run: 8.28/10, +1.72)
```

Segundo código:

```
Anaconda Prompt
(base) C:\Users\jesus\Downloads\Ejercicios de Programación\P2>pylint convertNumbers.py
***** Module convertNumbers
convertNumbers.py:72:0: C0304: Final newline missing (missing-final-newline)
convertNumbers.py:1:0: C0103: Module name "convertNumbers" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:24:4: C0103: Variable name "n" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:29:8: C0103: Variable name "n" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:36:4: C0103: Variable name "n" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:41:8: C0103: Variable name "n" doesn't conform to snake_case naming style (invalid-name)

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Your code has been rated at 8.93/10 (previous run: 8.75/10, +0.18)

(base) C:\Users\jesus\Downloads\Ejercicios de Programación\P2>pylint convertNumbers.py
***** Module convertNumbers
convertNumbers.py:41:32: E0602: Undefined variable 'n' (undefined-variable)

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Your code has been rated at 9.11/10 (previous run: 8.93/10, +0.18)

(base) C:\Users\jesus\Downloads\Ejercicios de Programación\P2>pylint convertNumbers.py
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Your code has been rated at 10.00/10 (previous run: 9.11/10, +0.89)
```

Tercer código:

```
(base) C:\Users\jesus\Downloads\Ejercicios de Programación\P3>pylint wordCount.py
***** Module wordCount
wordCount.py:1:0: C0114: Missing module docstring (missing-module-docstring)
wordCount.py:7:0: C0116: Missing function or method docstring (missing-function-docstring)
wordCount.py:19:0: C0116: Missing function or method docstring (missing-function-docstring)
wordCount.py:28:0: C0116: Missing function or method docstring (missing-function-docstring)

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Your code has been rated at 8.95/10

(base) C:\Users\jesus\Downloads\Ejercicios de Programación\P3>pylint wordCount.py

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Your code has been rated at 10.00/10 (previous run: 8.95/10, +1.05)
```