



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

5.2 Ejercicio de Programación 2 y Análisis Estático

Pruebas de Software y Aseguramiento de la Calidad

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Ejecuciones

- TC1

- TC2

- TC3

Flake8

- Antes

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ flake8 computeSales.py
computeSales.py:5:1: E302 expected 2 blank lines, found 1
computeSales.py:16:1: W293 blank line contains whitespace
computeSales.py:17:1: E302 expected 2 blank lines, found 1
computeSales.py:19:1: W293 blank line contains whitespace
computeSales.py:27:1: W293 blank line contains whitespace
computeSales.py:30:1: E302 expected 2 blank lines, found 1
computeSales.py:31:1: W293 blank line contains whitespace
computeSales.py:41:1: W293 blank line contains whitespace
computeSales.py:46:1: W293 blank line contains whitespace
computeSales.py:55:1: W293 blank line contains whitespace
computeSales.py:60:1: W293 blank line contains whitespace
computeSales.py:66:1: W293 blank line contains whitespace
computeSales.py:67:80: E501 line too long (107 > 79 characters)
computeSales.py:69:1: W293 blank line contains whitespace
computeSales.py:72:1: E305 expected 2 blank lines after class or function definition, found 1
computeSales.py:76:80: E501 line too long (105 > 79 characters)
computeSales.py:78:1: W293 blank line contains whitespace
computeSales.py:90:44: E221 multiple spaces before operator
computeSales.py:90:80: E501 line too long (86 > 79 characters)
computeSales.py:101:80: E501 line too long (109 > 79 characters)
```

- Despues

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ flake8 computeSales.py
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ |
```

Pylint

- Antes

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint computeSales.py
*****
Module computeSales
computeSales.py:16:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:19:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:27:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:31:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:41:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:46:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:55:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:60:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:66:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:67:0: C0301: Line too long (107/100) (line-too-long)
computeSales.py:69:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:76:0: C0301: Line too long (105/100) (line-too-long)
computeSales.py:78:0: C0303: Trailing whitespace (trailing-whitespace)
computeSales.py:101:0: C0301: Line too long (109/100) (line-too-long)
computeSales.py:1:0: C0114: Missing module docstring (missing-module-docstring)
computeSales.py:1:0: C0103: Module name "computeSales" doesn't conform to snake_case naming style (invalid-name)
computeSales.py:5:0: C0116: Missing function or method docstring (missing-function-docstring)
computeSales.py:17:0: C0116: Missing function or method docstring (missing-function-docstring)
computeSales.py:30:0: C0116: Missing function or method docstring (missing-function-docstring)
computeSales.py:30:19: W0621: Redefining name 'productos' from outer scope (line 88) (redefined-outer-name)
computeSales.py:30:30: W0621: Redefining name 'ventas_datos' from outer scope (line 83) (redefined-outer-name)
computeSales.py:32:4: W0621: Redefining name 'costo_total' from outer scope (line 90) (redefined-outer-name)
computeSales.py:33:4: W0621: Redefining name 'cantidad_total' from outer scope (line 90) (redefined-outer-name)
computeSales.py:35:4: W0621: Redefining name 'datos_producto' from outer scope (line 90) (redefined-outer-name)
computeSales.py:61:4: C0206: Consider iterating with .items() (consider-using-dict-items)
computeSales.py:110:0: C0103: Constant name "salida_datos" doesn't conform to UPPER_CASE naming style (invalid-name)
```

Your code has been rated at 7.05/10

- Despues (de correcciones de Flake8)

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint computeSales.py
*****
Module computeSales
computeSales.py:1:0: C0114: Missing module docstring (missing-module-docstring)
computeSales.py:1:0: C0103: Module name "computeSales" doesn't conform to snake_case naming style (invalid-name)
computeSales.py:6:0: C0116: Missing function or method docstring (missing-function-docstring)
computeSales.py:19:0: C0116: Missing function or method docstring (missing-function-docstring)
computeSales.py:33:0: C0116: Missing function or method docstring (missing-function-docstring)
computeSales.py:33:19: W0621: Redefining name 'productos' from outer scope (line 94) (redefined-outer-name)
computeSales.py:33:30: W0621: Redefining name 'ventas_datos' from outer scope (line 89) (redefined-outer-name)
computeSales.py:35:4: W0621: Redefining name 'costo_total' from outer scope (line 96) (redefined-outer-name)
computeSales.py:36:4: W0621: Redefining name 'cantidad_total' from outer scope (line 96) (redefined-outer-name)
computeSales.py:38:4: W0621: Redefining name 'datos_producto' from outer scope (line 96) (redefined-outer-name)
computeSales.py:64:4: C0206: Consider iterating with .items() (consider-using-dict-items)
computeSales.py:118:0: C0103: Constant name "salida_datos" doesn't conform to UPPER_CASE naming style (invalid-name)

-----
Your code has been rated at 8.64/10 (previous run: 7.05/10, +1.59)
```

- Despues

```
(pruebas_software) oscarg@LAPTOP-RRFLBEHP:/mnt/c/Users/oscar/pruebas_software$ pylint computeSales.py
-----
Your code has been rated at 10.00/10 (previous run: 9.43/10, +0.57)
```