

Actividad 5.2 Ejercicio de programación 2 y análisis estático

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Compute Sales

Análisis estático con Pylint

Prueba 1

```
PS C:\Users\User\Documents\Karen\MNA\5 Trimestre\Pruebas\Tareas_Pruebas_y_Calidad\5.2> python -m pylint .\src\computeSales.py
***** Module computeSales
src\computeSales.py:151:0: C0304: Final newline missing (missing-final-newline)
src\computeSales.py:1:0: C0103: Module name "computeSales" doesn't conform to snake_case naming style (invalid-name)

-----
Your code has been rated at 9.71/10

PS C:\Users\User\Documents\Karen\MNA\5 Trimestre\Pruebas\Tareas_Pruebas_y_Calidad\5.2> 
```

Prueba 2

```
PS C:\Users\User\Documents\Karen\MNA\5 Trimestre\Pruebas\Tareas_Pruebas_y_Calidad\5.2> python -m pylint .\src\computeSales.py
-----
Your code has been rated at 10.00/10 (previous run: 9.71/10, +0.29)
```

Análisis estático con Flake8

Prueba 1

No se muestra ningún error

```
PS C:\Users\User\Documents\Karen\MNA\5 Trimestre\Pruebas\Tareas_Pruebas_y_Calidad\5.2> python -m flake8 .\src\computeSales.py
PS C:\Users\User\Documents\Karen\MNA\5 Trimestre\Pruebas\Tareas_Pruebas_y_Calidad\5.2> 
```

Caso de Prueba 1

```
5.2 > results > TC1 > SalesResults.txt
1 SALES RESULTS
2 -----
3 Total Sales: $2,481.86
4 Execution Time: 0.000672 seconds
5

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\User\Documents\Karen\MNA\5 Trimestre\Pruebas\Tareas_Pruebas_y_Calidad\5.2> python .\src\computeSales.py .\tests\ProductList.json .\tests\TC1\TC1.Sales.json
SALES RESULTS
-----
Total Sales: $2,481.86
Execution Time: 0.000672 seconds
```

Caso de Prueba 2

```
5.2 > results > TC2 > SalesResults.txt
1 SALES RESULTS
2 -----
3 Total Sales: $166,568.23
4 Execution Time: 0.001075 seconds
5

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\User\Documents\Karen\MNA\5 Trimestre\Pruebas\Tareas_Pruebas_y_Calidad\5.2> python .\src\computeSales.py .\tests\ProductList.json .\tests\TC2\TC2.Sales.json
WARNING: Negative quantity -> {'SALE_ID': 8, 'SALE_Date': '02/12/23', 'Product': 'Fresh blueberries', 'Quantity': -35}
WARNING: Negative quantity -> {'SALE_ID': 10, 'SALE_Date': '02/12/23', 'Product': 'Green smoothie', 'Quantity': -123}
SALES RESULTS
-----
Total Sales: $166,568.23
Execution Time: 0.001075 seconds
```

Caso de Prueba 3

```
5.2 > results > TC3 > SalesResults.txt
1 SALES RESULTS
2 -----
3 Total Sales: $165,235.37
4 Execution Time: 0.001198 seconds
5

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\User\Documents\Karen\MNA\5 Trimestre\Pruebas\Tareas_Pruebas_y_Calidad\5.2> python .\src\computeSales.py .\tests\ProductList.json .\tests\TC3\TC3.Sales.json
WARNING: Product not found -> Elotes
WARNING: Negative quantity -> {'SALE_ID': 8, 'SALE_Date': '02/12/23', 'Product': 'Fresh blueberries', 'Quantity': -35}
WARNING: Product not found -> Frijoles
WARNING: Negative quantity -> {'SALE_ID': 10, 'SALE_Date': '02/12/23', 'Product': 'Green smoothie', 'Quantity': -123}
SALES RESULTS
-----
Total Sales: $165,235.37
Execution Time: 0.001198 seconds
```