



Tecnológico de Monterrey

Instituto Tecnológico de Estudios Superiores de Monterrey

Curso:

Pruebas de software y aseguramiento de la calidad

Actividad:

5.2 Ejercicio de programación 2 y análisis estático

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Problema 1:

Programa 1. Análisis de Errores de Pylint – PEP 8

```
● automatic-video➤ Actividad 5.2 git:(main) x pylint computeSales.py  
-----  
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
```

Programa 1. Análisis de Errores de Flake

Errores encontrados:

```
SPELL CHECKER 6  OUTPUT  TERMINAL  DEBUG CONSOLE  PROBLEMS 7  PORTS  
⊗ automatic-video➤ Actividad 5.2 git:(main) x flake8 ./  
./computeSales.py:42:1: E302 expected 2 blank lines, found 1  
./computeSales.py:45:80: E501 line too long (85 > 79 characters)  
❖ automatic-video➤ Actividad 5.2 git:(main) x
```

Errores arreglados:

```
./computeSales.py:45:80: E501 line too long (85 > 79 characters)  
● automatic-video➤ Actividad 5.2 git:(main) x flake8 ./  
● automatic-video➤ Actividad 5.2 git:(main) x flake8 ./  
○ automatic-video➤ Actividad 5.2 git:(main) x
```

Extra utilizando mypy:

```
automatic-video➤ Actividad 5.2 git:(main) x mypy *.py  
Success: no issues found in 1 source file
```

Correcta Ejecución de Casos de Prueba:

Actividad 5.2 > SalesResults.txt

```
1 TC1.Sales: $2481.86
2 Execution Time: 0.0000 s
3 TC2.Sales: $166568.23
4 Execution Time: 0.0000 s
5 TC3.Sales: $165235.37
6 Execution Time: 0.0000 s
7
8 Errors:
9 -----
10 Product 'Elotes' not found in price catalogue.
11 Product 'Frijoles' not found in price catalogue.
12
```

SPELL CHECKER 5

OUTPUT

TERMINAL

DEBUG CONSOLE

PROBLEMS 6

PORTS

zsh - Actividad 5.2 + - [] [] ... ^ x

Execution Time: 0.0000 seconds

● automatic-video • Actividad 5.2 git:(main) x python computeSales.py ./TC1/TC1.ProductList.json ./TC1/TC1.Sales.json

Sales Report

TC: \$2481.86

Execution Time: 0.0000 seconds

● automatic-video • Actividad 5.2 git:(main) x python computeSales.py ./TC1/TC1.ProductList.json ./TC2/TC2.Sales.json

Sales Report

TC: \$166568.23

Execution Time: 0.0000 seconds

● automatic-video • Actividad 5.2 git:(main) x python computeSales.py ./TC1/TC1.ProductList.json ./TC3/TC3.Sales.json

Sales Report

TC: \$165235.37

Execution Time: 0.0000 seconds

Errors:

Product 'Elotes' not found in price catalogue.

Product 'Frijoles' not found in price catalogue.

❖ automatic-video • Actividad 5.2 git:(main) x