



**Tecnológico
de Monterrey**

Maestría en Inteligencia Artificial Aplicada

Pruebas de software y aseguramiento de la calidad

A5.2 Ejercicio de programación 2

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Problema 1: Compute total sales cost

Pylint inicial

```
A01208580_A5.2 on 🍲 main [?] via 🐍 v3.12.0 (ai-agents-framework) on 🌩 us-east-1 on 👤 student-02-5bc07dc8d1a2@qwiklab:
> python3 -m 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)
-----
```

Después de arreglar lo solicitado:

```
A01208580_A5.2 on 🍲 main [?] via 🐍 v3.12.0 (ai-agents-framework) on 🌩 us-east-1
> python3 -m pylint computeSales.py
```

```
-----
Your code has been rated at 10.00/10 (previous run: 9.80/10, +0.20)
```

Se agregó la línea:

```
# pylint: disable=invalid-name
```

Para cumplir con el requerimiento en el nombre del archivo y que no se muestre el error de no utilizar snake_case naming.

Flake8 inicial

```
A01208580_A5.2 on 🍲 main [?] via 🐍 v3.12.0 (ai-agents-framework) on 🌩 us-east-1
> python3 -m flake8 computeSales.py
computeSales.py:37:80: E501 line too long (98 > 79 characters)
computeSales.py:44:80: E501 line too long (96 > 79 characters)
computeSales.py:56:80: E501 line too long (96 > 79 characters)
computeSales.py:60:80: E501 line too long (87 > 79 characters)
```

Después de arreglar lo solicitado:

```
A01208580_A5.2 on 🍲 main [?] via 🐍 v3.12.0 (ai-agents-framework)
> python3 -m flake8 computeSales.py
ai-agents-framework
A01208580_A5.2 on 🍲 main [?] via 🐍 v3.12.0 (ai-agents-framework)
```

Record of execution

A01208580_A5.2 on `main [?]` via `v3.12.0 (ai-agents-framework)` on `-5bc07dc8d1a2@qwiklabs.net`

`> python3 computeSales.py TC1/TC1.ProductList.json TC1/TC1.Sales.json`

Total cost: \$2,481.86

Elapsed time: 0.001287 seconds

A01208580_A5.2 on `main [?]` via `v3.12.0 (ai-agents-framework)` on `us-east-5bc07dc8d1a2@qwiklabs.net`

`> python3 computeSales.py TC1/TC1.ProductList.json TC2/TC2.Sales.json`

Total cost: \$166,568.23

Elapsed time: 0.001156 seconds

A01208580_A5.2 on `main [?]` via `v3.12.0 (ai-agents-framework)` on `us-east-5bc07dc8d1a2@qwiklabs.net`

`> python3 computeSales.py TC1/TC1.ProductList.json TC3/TC3.Sales.json`

Warning: Item 'Elotes' not found in catalogue.

Warning: Item 'Frijoles' not found in catalogue.

Total cost: \$165,235.37

Elapsed time: 0.000461 seconds