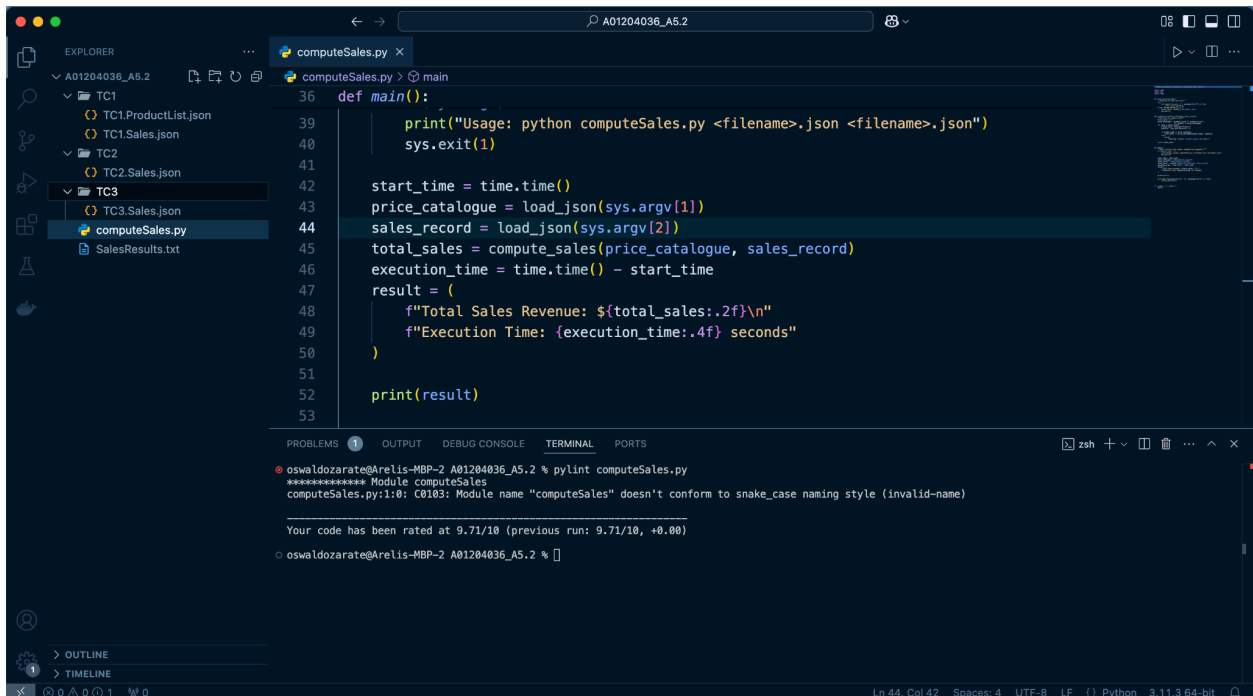


Análisis de errores PEP8 con pylint

Ejecuté pylint para confirmar que el programa siga la convención de PEP8. El único warning que arroja es para el nombre del archivo.



```
def main():
    print("Usage: python computeSales.py <filename>.json <filename>.json")
    sys.exit(1)

start_time = time.time()
price_catalogue = load_json(sys.argv[1])
sales_record = load_json(sys.argv[2])
total_sales = compute_sales(price_catalogue, sales_record)
execution_time = time.time() - start_time
result = (
    f"Total Sales Revenue: ${total_sales:.2f}\n"
    f"Execution Time: {execution_time:.4f} seconds"
)

print(result)
```

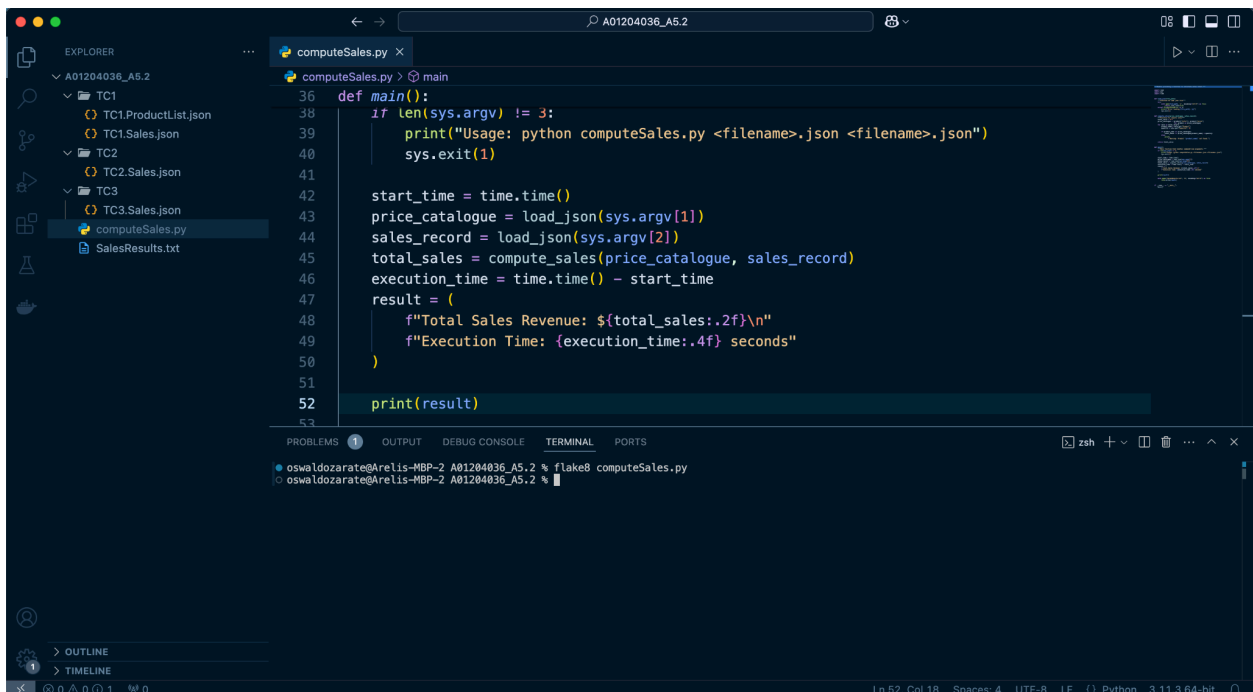
```
oswaldozarate@Arelis-MBP-2 A01204036_A5.2 % pylint computeSales.py
***** Module computeSales
computeSales.py:1:0: C0103: Module name "computeSales" doesn't conform to snake_case naming style (invalid-name)

Your code has been rated at 9.71/10 (previous run: 9.71/10, +0.00)

oswaldozarate@Arelis-MBP-2 A01204036_A5.2 %
```

Análisis de errores con flake

Ejecuté flake8 para verificar que el programa tenga una complejidad adecuada. En un inicio me dió errores relacionados con strings muy largos.



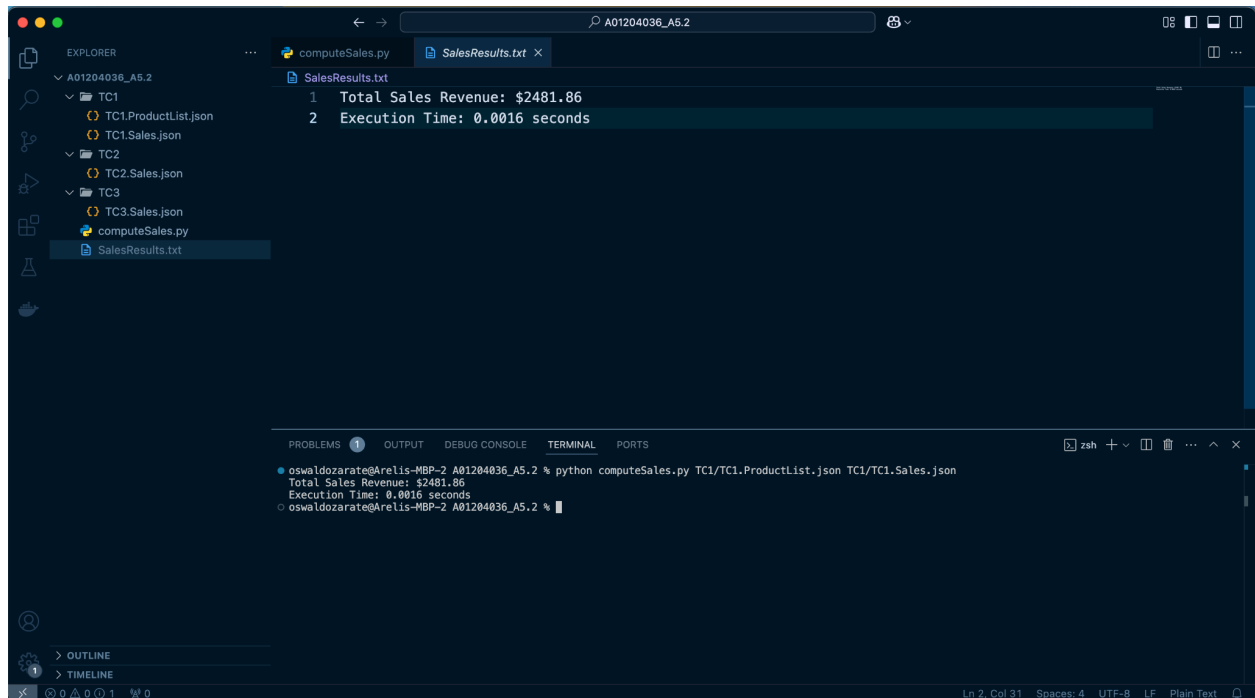
```
if len(sys.argv) != 3:
    print("Usage: python computeSales.py <filename>.json <filename>.json")
    sys.exit(1)

start_time = time.time()
price_catalogue = load_json(sys.argv[1])
sales_record = load_json(sys.argv[2])
total_sales = compute_sales(price_catalogue, sales_record)
execution_time = time.time() - start_time
result = (
    f"Total Sales Revenue: ${total_sales:.2f}\n"
    f"Execution Time: {execution_time:.4f} seconds"
)

print(result)
```

```
oswaldozarate@Arelis-MBP-2 A01204036_A5.2 % flake8 computeSales.py
oswaldozarate@Arelis-MBP-2 A01204036_A5.2 %
```

Prueba de ejecución TC1

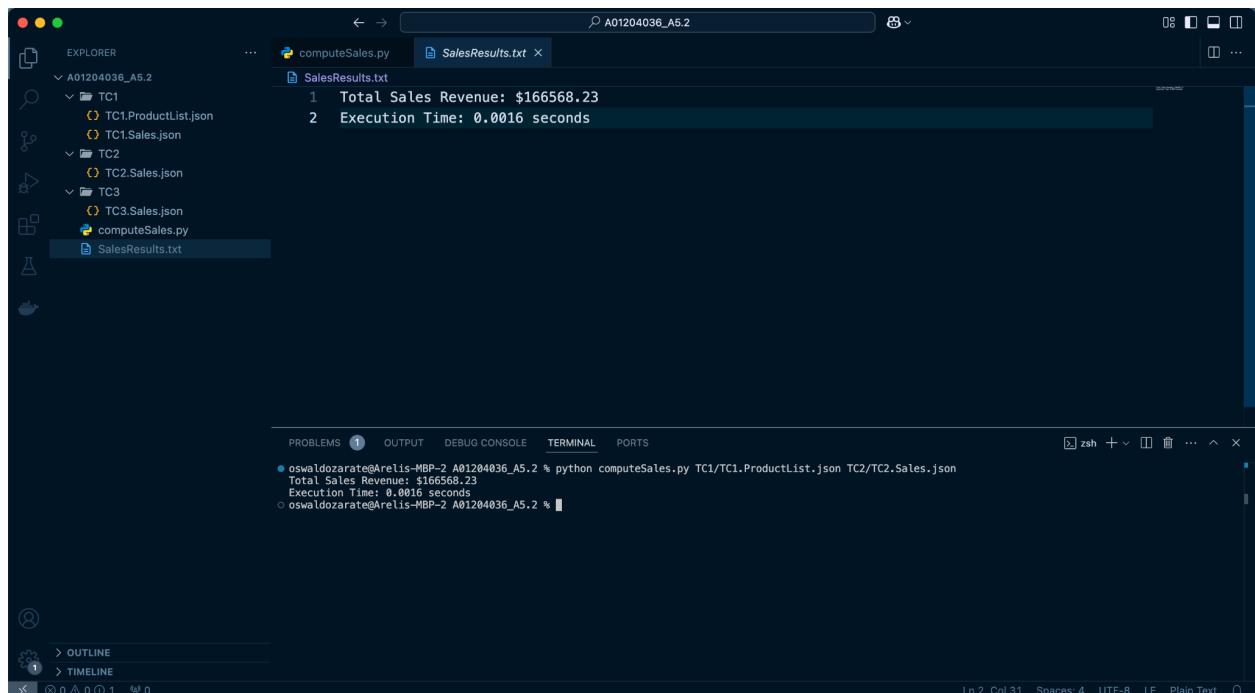


The screenshot shows the VS Code interface with the Explorer panel on the left displaying the project structure for A01204036_A5.2. The file TC1.ProductList.json is selected. The main editor shows the file SalesResults.txt with the following content:

```
1 Total Sales Revenue: $2481.86
2 Execution Time: 0.0016 seconds
```

The TERMINAL panel at the bottom shows the command executed: `python computeSales.py TC1/TC1.ProductList.json TC1/TC1.Sales.json`. The output matches the content of SalesResults.txt.

Prueba de ejecución TC2

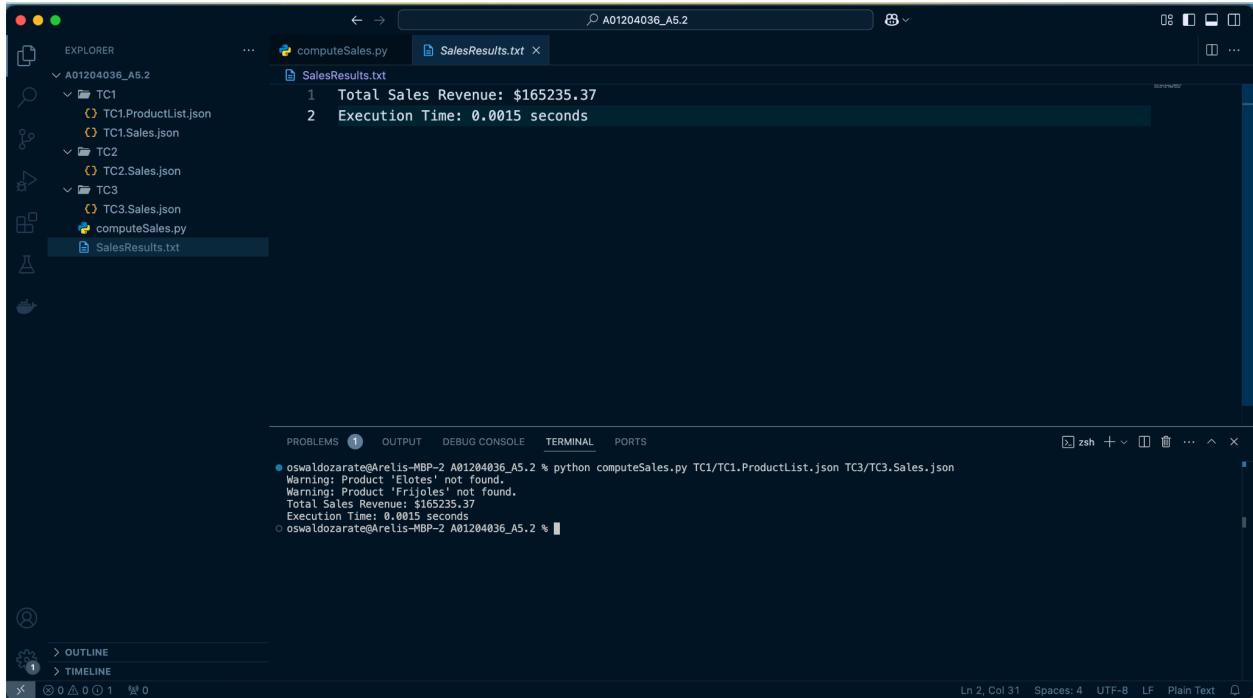


The screenshot shows the VS Code interface with the Explorer panel on the left displaying the project structure for A01204036_A5.2. The file TC2.Sales.json is selected. The main editor shows the file SalesResults.txt with the following content:

```
1 Total Sales Revenue: $166568.23
2 Execution Time: 0.0016 seconds
```

The TERMINAL panel at the bottom shows the command executed: `python computeSales.py TC1/TC1.ProductList.json TC2/TC2.Sales.json`. The output matches the content of SalesResults.txt.

Prueba de ejecución TC3



The screenshot displays a Visual Studio Code interface for a project named 'A01204036_A5.2'. The Explorer sidebar on the left shows a directory structure with folders 'TC1', 'TC2', and 'TC3'. Each folder contains a 'ProductList.json' and a 'Sales.json' file. The 'computeSales.py' script is also visible. The main editor window shows the 'SalesResults.txt' file, which contains the following content:

```
1 Total Sales Revenue: $165235.37
2 Execution Time: 0.0015 seconds
```

The bottom panel of the editor shows the 'TERMINAL' tab, which displays the output of a command executed in a zsh shell:

```
oswaldozarate@Arelis-MBP-2 A01204036_A5.2 % python computeSales.py TC1/TC1.ProductList.json TC3/TC3.Sales.json
Warning: Product 'Elotes' not found.
Warning: Product 'Frijoles' not found.
Total Sales Revenue: $165235.37
Execution Time: 0.0015 seconds
oswaldozarate@Arelis-MBP-2 A01204036_A5.2 %
```

The status bar at the bottom indicates the current position is 'Ln 2, Col 31', with 'Spaces: 4', 'UTF-8', 'LF', and 'Plain Text' encoding and line ending settings.