Software Testing and QA

Activity 5.2 Report

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Notes

Pylint was implemented using VSCode extension.

Program

This is the first version of the code with the pylint notes:

```
∨ TAREA 5
                              Compute_Sales > ♥ computeSales.py > ...

∨ Compute_Sales

 computeSales.pv
 {} priceCatalog.json
 {} salesRecord.json
~$tivity_5.2_report.docx
Activity_5.2_report.docx
                                9 import time
                                12 def read_json_file(filename):
                                         ""Reads and parses a JSON file, handling errors gracefully."""
                                     print(f"Error: File '{filename}' not found.")
sys.exit(1)
                                      print(f"Error: Invalid JSON format in '{filename}'.")
sys.exit(1)
                                      print(f"Unexpected error: {e}")
sys.exit(1)
                               PROBLEMS (1) OUTPUT DEBUG CONSOLE TERMINAL PORTS
```

After the experience from the previous exercise, we don't really get any note from pytlint but the name of the file that should follow snake_case naming convention.

We can run the program as requested:

```
⋈ Welcome
                                                             compute sales.pv X
✓ TAREA 5
                                           Compute Sales > ♥ compute sales.pv > ♥ read ison file
> Archivos

∨ Compute_Sales

 {} priceCatalog.json
{} salesRecord.json
                                                   import sys import time
                                                    def read_json_file(filename):
                                                             with open(filename, 'r', encoding='utf-8') as file:
                                                         return json.load(file)
except FileNotFoundError:
                                                           print(f"Error: File '{filename}' not found.")
                                                         except json.JSONDecodeError:

print(f"Error: Invalid JSON format in '{filename}'.")

sys.exit(1)
                                                         print(f"Unexpected error: {e}")
sys.exit(1)
                                            PS C:\Users\sito-\Desktop\MNA\04-Software Quality\Tarea 5> cd .\Compute_Sales\
PS C:\Users\sito-\Desktop\MNA\04-Software Quality\Tarea 5\Compute_Sales> python compute_sales.py priceCatalog.json salesRecord.json
```

We get a new file in the explorer and the requested prints.