- Running Pylint after changing rules, before correcting/changing the code.
  - Transaction Manager:


```
************* Module UC3MMoney.TransactionManager
UC3MMoney\TransactionManager.py:6:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionManager.py:7:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionManager.py:9:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionManager.py:12:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionManager.py:14:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionManager.py:16:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionManager.py:17:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
UC3MMoney\TransactionManager.py:18:0: W0311: Bad indentation. Found 16 spaces, expected 8 (bad-indentation)
UC3MMoney\TransactionManager.py:19:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionManager.py:20:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
UC3MMoney\TransactionManager.py:21:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionManager.py:22:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
UC3MMoney\TransactionManager.py:25:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionManager.py:26:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
UC3MMoney\TransactionManager.py:27:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
UC3MMoney\TransactionManager.py:28:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
UC3MMoney\TransactionManager.py:29:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
UC3MMoney\TransactionManager.py:30:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionManager.py:31:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
UC3MMoney\TransactionManager.py:32:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionManager.py:33:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
UC3MMoney\TransactionManager.py:34:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionManager.py:35:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
UC3MMoney\TransactionManager.py:36:0: W0311: Bad indentation. Found 16 spaces, expected 8 (bad-indentation)
UC3MMoney\TransactionManager.py:37:0: C0304: Final newline missing (missing-final-newline)
UC3MMoney\TransactionManager.py:37:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionManager.py:1:0: C0114: Missing module docstring (missing-module-docstring)
UC3MMoney\TransactionManager.py:1:0: C0103: Module name "TransactionManager" doesn't conform to snake_case naming style (invalid-name)
```

  - Transaction Request:


```
************* Module UC3MMoney.TransactionRequest
UC3MMoney\TransactionRequest.py:6:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:7:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:8:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:9:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:10:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:11:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:13:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:14:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:16:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:17:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:18:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:19:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:20:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:21:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:23:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:24:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:25:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:26:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:27:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:28:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:30:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:31:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:32:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:33:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:34:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
UC3MMoney\TransactionRequest.py:35:0: C0304: Final newline missing (missing-final-newline)
UC3MMoney\TransactionRequest.py:35:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:1:0: C0114: Missing module docstring (missing-module-docstring)
UC3MMoney\TransactionRequest.py:1:0: C0103: Module name "TransactionRequest" doesn't conform to snake_case naming style (invalid-name)
```



```
UC3MMoney\TransactionRequest.py:35:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
UC3MMoney\TransactionRequest.py:1:0: C0114: Missing module docstring (missing-module-docstring)
UC3MMoney\TransactionRequest.py:1:0: C0103: Module name "TransactionRequest" doesn't conform to snake_case naming style (invalid-name)
UC3MMoney\TransactionRequest.py:5:0: C0115: Missing class docstring (missing-class-docstring)
UC3MMoney\TransactionRequest.py:7:8: C0103: Attribute name "__receptorNaMe" doesn't conform to '^_?[a-z][a-z0-9_]*$' pattern (invalid-name)
UC3MMoney\TransactionRequest.py:8:8: C0103: Attribute name "__IBANFrOm" doesn't conform to '^_?[a-z][a-z0-9_]*$' pattern (invalid-name)
UC3MMoney\TransactionRequest.py:9:8: C0103: Attribute name "__IBANtO" doesn't conform to '^_?[a-z][a-z0-9_]*$' pattern (invalid-name)
UC3MMoney\TransactionRequest.py:11:8: C0103: Attribute name "__timeStamp" doesn't conform to '^_?[a-z][a-z0-9_]*$' pattern (invalid-name)
UC3MMoney\TransactionRequest.py:6:23: C0103: Argument name "IbAnFROM" doesn't conform to snake_case naming style (invalid-name)
UC3MMoney\TransactionRequest.py:6:32: C0103: Argument name "iBaNtO" doesn't conform to snake_case naming style (invalid-name)
UC3MMoney\TransactionRequest.py:6:40: C0103: Argument name "RECEpTorName" doesn't conform to snake_case naming style (invalid-name)
UC3MMoney\TransactionRequest.py:17:4: C0103: Attribute name "receptorNaMe" doesn't conform to '^_?[a-z][a-z0-9_]*$' pattern (invalid-name)
UC3MMoney\TransactionRequest.py:20:4: C0103: Attribute name "receptorNaMe" doesn't conform to '^_?[a-z][a-z0-9_]*$' pattern (invalid-name)
UC3MMoney\TransactionRequest.py:24:4: C0103: Attribute name "IBAN_FROM" doesn't conform to '^_?[a-z][a-z0-9_]*$' pattern (invalid-name)
UC3MMoney\TransactionRequest.py:27:4: C0103: Attribute name "IBAN_FROM" doesn't conform to '^_?[a-z][a-z0-9_]*$' pattern (invalid-name)
UC3MMoney\TransactionRequest.py:31:4: C0103: Attribute name "IBAN_TO" doesn't conform to '^_?[a-z][a-z0-9_]*$' pattern (invalid-name)
UC3MMoney\TransactionRequest.py:34:4: C0103: Attribute name "IBAN_TO" doesn't conform to '^_?[a-z][a-z0-9_]*$' pattern (invalid-name)
UC3MMoney\TransactionRequest.py:11:8: W0238: Unused private member `TransactionRequest.__timeStamp` (unused-private-member)

------------------------------------------------------------
Your code has been rated at 0.00/10 (previous run: 5.76/10, -5.76)
```

- Main:

```
(.venv) PS C:\Users\Owner\PycharmProjects\G88.2024.TXX.GE1> pylint main.py
************ Module main
main.py:10:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:11:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:12:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
main.py:13:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
main.py:14:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
main.py:15:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
main.py:16:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
main.py:17:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:20:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:21:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:22:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
main.py:23:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
main.py:24:0: W0311: Bad indentation. Found 8 spaces, expected 4 (bad-indentation)
main.py:25:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
main.py:26:0: W0311: Bad indentation. Found 12 spaces, expected 6 (bad-indentation)
main.py:27:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:32:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:33:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:34:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:35:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:36:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:37:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:38:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:39:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:40:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:41:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
```

```
main.py:39:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:40:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:41:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:44:0: W0311: Bad indentation. Found 4 spaces, expected 2 (bad-indentation)
main.py:12:0: W1405: Quote delimiter ' is inconsistent with the rest of the file (inconsistent-quotes)
main.py:13:0: W1405: Quote delimiter ' is inconsistent with the rest of the file (inconsistent-quotes)
main.py:22:0: W1405: Quote delimiter ' is inconsistent with the rest of the file (inconsistent-quotes)
main.py:23:0: W1405: Quote delimiter ' is inconsistent with the rest of the file (inconsistent-quotes)
main.py:1:0: C0114: Missing module docstring (missing-module-docstring)
main.py:5:0: C0103: Constant name "letters" doesn't conform to UPPER_CASE naming style (invalid-name)
main.py:6:0: C0103: Constant name "shift" doesn't conform to UPPER_CASE naming style (invalid-name)
main.py:9:0: C0103: Function name "Encode" doesn't conform to snake_case naming style (invalid-name)
main.py:19:0: C0103: Function name "Decode" doesn't conform to snake_case naming style (invalid-name)
main.py:30:0: C0116: Missing function or method docstring (missing-function-docstring)
main.py:34:4: C0103: Variable name "strRes" doesn't conform to snake_case naming style (invalid-name)
main.py:34:13: C2801: Unnecessarily calls dunder method __str__. Use str built-in function. (unnecessary-dunder-call)
main.py:36:4: C0103: Variable name "EncodeRes" doesn't conform to snake_case naming style (invalid-name)
main.py:38:4: C0103: Variable name "DecodeRes" doesn't conform to snake_case naming style (invalid-name)
main.py:2:0: C0411: standard import "string" should be placed before first party import "UC3MMoney.TransactionManager"  (wrong-import-order)

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

- Running Pylint after changing rules AND after correcting/changing the code:
  - UC3M money corrected:

```
(.venv) PS C:\Users\Owner\PycharmProjects\G88.2024.TXX.GE1> pylint uc3m_money/

-----------------------------------------------------------------
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
```

- main corrected:

```
(.venv) PS C:\Users\Owner\PycharmProjects\G88.2024.TXX.GE1> pylint main.py

-----------------------------------------------------------------
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

(.venv) PS C:\Users\Owner\PycharmProjects\G88.2024.TXX.GE1>
```