

# Instituto Tecnológico y de Estudios Superiores de Monterrey

**Escuela de Ingeniería y Ciencias** Maestría en Inteligencia Artificial Aplicada

Actividad 4.2 Ejercicio de programación 1

Pruebas de software y aseguramiento de la calidad

Kevin Gutiérrez Pérez A01795692

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# Problema 1: ComputeStatistics.py

Evidencia de ejecución de codigo en Pylint:

# Errores mostrados y corregidos:

```
********** Module computeStatistics
computeStatistics.py:55:0: C0303: Trailing whitespace (trailing-whitespace)
```

computeStatistics.py:57:0: C0303: Trailing whitespace (trailing-whitespace)

computeStatistics.py:61:0: C0303: Trailing whitespace (trailing-whitespace)

computeStatistics.py:67:0: C0303: Trailing whitespace (trailing-whitespace)

computeStatistics.py:69:0: C0303: Trailing whitespace (trailing-whitespace)

computeStatistics.py:78:0: C0303: Trailing whitespace (trailing-whitespace)

computeStatistics.py:81:0: C0303: Trailing whitespace (trailing-whitespace)

computeStatistics.py:1:0: C0114: Missing module docstring (missing-module-docstring)

computeStatistics.py:1:0: C0103: Module name "computeStatistics" doesn't conform to snake case naming style (invalid-name)

computeStatistics.py:4:0: C0116: Missing function or method docstring (missing-functiondocstring)

computeStatistics.py:8:13: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)

computeStatistics.py:20:0: C0116: Missing function or method docstring (missingfunction-docstring)

computeStatistics.py:25:0: C0116: Missing function or method docstring (missingfunction-docstring)

computeStatistics.py:33:0: C0116: Missing function or method docstring (missing-function-docstring)

computeStatistics.py:41:0: C0116: Missing function or method docstring (missing-function-docstring)

computeStatistics.py:45:0: C0116: Missing function or method docstring (missing-function-docstring)

computeStatistics.py:48:0: C0116: Missing function or method docstring (missing-function-docstring)

computeStatistics.py:49:9: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)

computeStatistics.py:52:0: C0116: Missing function or method docstring (missing-function-docstring)

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Your code has been rated at 7.03/10

Nota importante: El error:

"computeStatistics.py:1:0: C0103: Module name "computeStatistics" doesn't conform to snake\_case naming style (invalid-name)"

Fue omitido con el codigo: #pylint: disable=invalid-name debido a que las instrucciones solicitaban ese nombre.

Evidencia de funcionamiento de codigo una vez corregidos los errores:

```
© Code | File | Edit | Edit | Edit | Edit | Edit | Edit | Control | Mindre | Mindre
```

### Problema 2 convertNumbers.py

Evidencia de ejecución de codigo en Pylint:

```
| Code | Fig. | Eath | Selection | View | Go | Run | Terminal | Window | Help | Sevenh | Selection | Sevenh | Sevenh | Selection | Sevenh | Selection | Sevenh | Selection | Sevenh | Selection | Sevenh | Seve
```

#### Errores mostrados y corregidos:

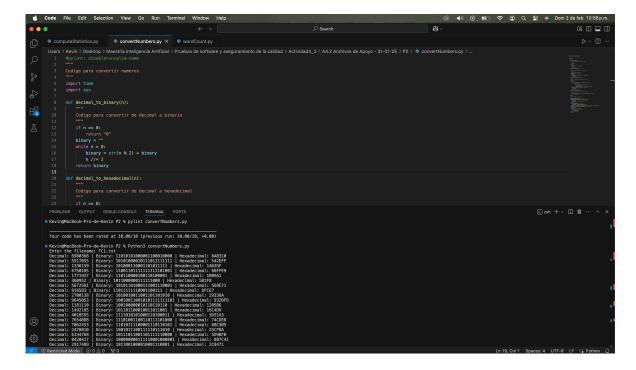
```
********* Module convertNumbers convertNumbers.py:48:0: C0303: Trailing whitespace (trailing-whitespace) convertNumbers.py:50:0: C0303: Trailing whitespace (trailing-whitespace) convertNumbers.py:54:0: C0303: Trailing whitespace (trailing-whitespace) convertNumbers.py:60:0: C0303: Trailing whitespace (trailing-whitespace) convertNumbers.py:63:0: C0303: Trailing whitespace (trailing-whitespace) convertNumbers.py:66:0: C0303: Trailing whitespace (trailing-whitespace) convertNumbers.py:1:0: C0114: Missing module docstring (missing-module-docstring) convertNumbers.py:1:0: C0103: Module name "convertNumbers" doesn't conform to snake_case naming style (invalid-name) convertNumbers.py:37:8: R1722: Consider using 'sys.exit' instead (consider-using-sys-exit) convertNumbers.py:45:0: C0116: Missing function or method docstring (missing-function-docstring) convertNumbers.py:53:8: R1722: Consider using 'sys.exit' instead (consider-using-sys-exit) convertNumbers.py:53:8: R1722: Consider using 'sys.exit' instead (consider-using-sys-exit)
```

Nota importante: El error:

convertNumbers.py:1:0: C0103: Module name "convertNumbers" doesn't conform to snake\_case naming style (invalid-name)

Fue omitido con el codigo: #pylint: disable=invalid-name debido a que las instrucciones solicitaban ese nombre.

Evidencia de funcionamiento de codigo una vez corregidos los errores:



### Problema 3 wordCount.py

Evidencia de ejecución de codigo en Pylint:

```
© Note: File fold Selection View Go Run Terminal Window Help

○ Search

○ S
```

# Errores mostrados y corregidos:

Nota importante: El error:

wordCount.py:1:0: C0103: Module name "wordCount" doesn't conform to snake\_case naming style (invalid-name)

Fue omitido con el codigo: #pylint: disable=invalid-name debido a que las instrucciones solicitaban ese nombre.

Evidencia de funcionamiento de codigo una vez corregidos los errores:

