

Resultados de la Tarea.

Proceso de verificación de código con Pylint

```
(a01794708-a6-2-py3.11) PS C:\Users\JulioRamos\Desktop\PruebasSoftware\A6.2> pylint hotel_reservation.py test_hotel_reservation.py
***** Module hotel_reservation
hotel_reservation.py:29:17: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)
hotel_reservation.py:40:17: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)
hotel_reservation.py:100:4: C0116: Missing function or method docstring (missing-function-docstring)
hotel_reservation.py:111:17: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)
hotel_reservation.py:122:17: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)
hotel_reservation.py:179:4: C0116: Missing function or method docstring (missing-function-docstring)
hotel_reservation.py:190:17: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)
hotel_reservation.py:201:17: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)
***** Module test_hotel_reservation
test_hotel_reservation.py:66:0: C0301: Line too long (114/100) (line-too-long)
test_hotel_reservation.py:1:0: C0114: Missing module docstring (missing-module-docstring)
test_hotel_reservation.py:49:15: W0718: Catching too general exception Exception (broad-exception-caught)
test_hotel_reservation.py:65:13: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)
test_hotel_reservation.py:3:0: C0411: standard import "os" should be placed before first party import "hotel_reservation.Hotel" (wrong-import-order)
test_hotel_reservation.py:3:0: W0611: Unused import os (unused-import)

-----
Your code has been rated at 9.41/10 (previous run: 9.32/10, +0.08)
```

```
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```

```
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Your code has been rated at 10.00/10 (previous run: 9.96/10, +0.04)
```

Proceso de verificación de código con Flake8

```
(a01794708-a6-2-py3.11) PS C:\Users\JulioRamos\Desktop\PruebasSoftware\A6.2> flake8 hotel_reservation.py test_hotel_reservation.py
hotel_reservation.py:5:1: E302 expected 2 blank lines, found 1
hotel_reservation.py:90:1: E302 expected 2 blank lines, found 1
hotel_reservation.py:140:80: E501 line too long (95 > 79 characters)
hotel_reservation.py:170:1: E302 expected 2 blank lines, found 1
hotel_reservation.py:220:80: E501 line too long (92 > 79 characters)
test_hotel_reservation.py:5:1: E302 expected 2 blank lines, found 1
test_hotel_reservation.py:42:80: E501 line too long (88 > 79 characters)
test_hotel_reservation.py:44:80: E501 line too long (91 > 79 characters)
test_hotel_reservation.py:56:80: E501 line too long (92 > 79 characters)
test_hotel_reservation.py:66:80: E501 line too long (89 > 79 characters)
test_hotel_reservation.py:91:80: E501 line too long (83 > 79 characters)
test_hotel_reservation.py:117:80: E501 line too long (89 > 79 characters)
```

```
(a01794708-a6-2-py3.11) PS C:\Users\JulioRamos\Desktop\PruebasSoftware\A6.2> flake8 hotel_reservation.py test_hotel_reservation.py
test_hotel_reservation.py:126:80: E501 line too long (88 > 79 characters)
(a01794708-a6-2-py3.11) PS C:\Users\JulioRamos\Desktop\PruebasSoftware\A6.2> flake8 hotel_reservation.py test_hotel_reservation.py
(a01794708-a6-2-py3.11) PS C:\Users\JulioRamos\Desktop\PruebasSoftware\A6.2> █
```

Resultado de las pruebas unitarias.

```
(a01794708-a6-2-py3.11) PS C:\Users\JulioRamos\Desktop\PruebasSoftware\A6.2> coverage run --source=hotel_reservation -m unittest discover
>>
prueba cancelar reserva
-----
Reserva 1 cancelada.
.Prueba la creación de un cliente.
-----
.Prueba la creación de un hotel.
-----
.Prueba la creación de una reserva.
-----
.prueba eliminar cliente
-----
.prueba eliminar hotel
-----
.prueba visualizar cliente
-----
Cliente ID: 1
Nombre: pedro hurtado
Email: pedrohurtado@gmail.com
Prueba visualizar hoteles
-----
Hotel ID: 1
Nombre: el dorado Hotel
Ubicación: cuenca
Habitaciones: 50
Prueba la persistencia de hoteles en archivo.
-----
.prueba json corrupto
-----
Error al cargar los hoteles: Expecting property name enclosed in double quotes: line 1 column 3 (char 2)
.prueba el archivo no existe
-----
.prueba modificar cliente
-----
Información del cliente modificada.
.prueba modificar info hotel
-----
Información del hotel modificada.
.error permisos al guardar en el archivo
```

```
.prueba modificar info hotel
-----
Información del hotel modificada.
.error permisos al guardar en el archivo
-----
Error al guardar los hoteles: [Errno 2] No such file or directory: '/root/readonly_hotels.json'
.
=====
FAIL: test_display_customer_info (test_hotel_reservation.TestHotelReservation.test_display_customer_info)
Prueba la visualización de la información de un cliente.
-----
Traceback (most recent call last):
  File "C:\Users\JulioRamos\Desktop\PruebasSoftware\A6.2\test_hotel_reservation.py", line 142, in test_display_customer_info
    with self.assertLogs(level='INFO') as log:
  File "C:\Users\JulioRamos\AppData\Local\Programs\Python\Python311\Lib\unittest\log.py", line 84, in __exit__
    self._raiseFailure()
AssertionError: no logs of level INFO or higher triggered on root
=====
FAIL: test_display_hotel_info (test_hotel_reservation.TestHotelReservation.test_display_hotel_info)
Prueba la visualización de la información de un hotel.
-----
Traceback (most recent call last):
  File "C:\Users\JulioRamos\Desktop\PruebasSoftware\A6.2\test_hotel_reservation.py", line 108, in test_display_hotel_info
    with self.assertLogs(level='INFO') as log:
  File "C:\Users\JulioRamos\AppData\Local\Programs\Python\Python311\Lib\unittest\log.py", line 84, in __exit__
    self._raiseFailure()
AssertionError: no logs of level INFO or higher triggered on root
-----
Ran 14 tests in 0.670s

FAILED (failures=2)
(a01794708-a6-2-py3.11) PS C:\Users\JulioRamos\Desktop\PruebasSoftware\A6.2> 
```

Porcentaje de líneas en uso de las pruebas unitarias:

Name	Stmts	Miss	Cover	Missing
hotel_reservation.py	158	22	86%	72, 89, 116-117, 123, 127-129, 134-136, 158, 173, 200-201, 207, 211-213, 218-220
TOTAL	158	22	86%	

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