



# **Instituto Tecnológico y de Estudios Superiores de Monterrey**

## **Pruebas de software y aseguramiento de la calidad**

### Actividad 6.2. Ejercicio de programación 3

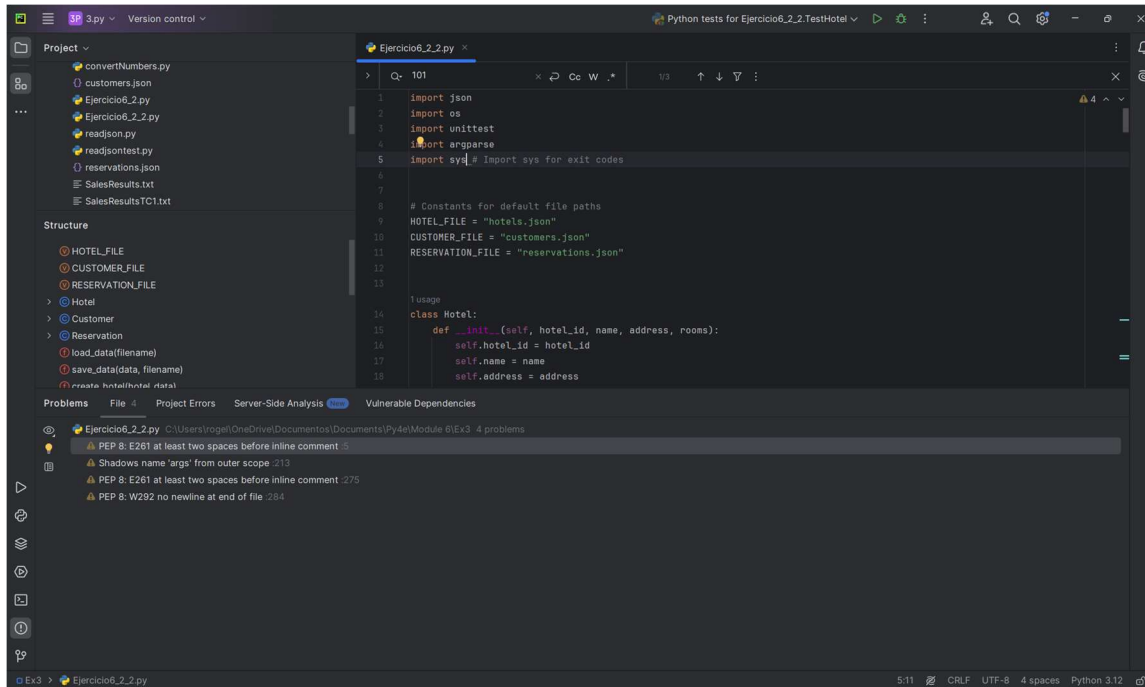
Rogelio Abraham Rodríguez Distancia

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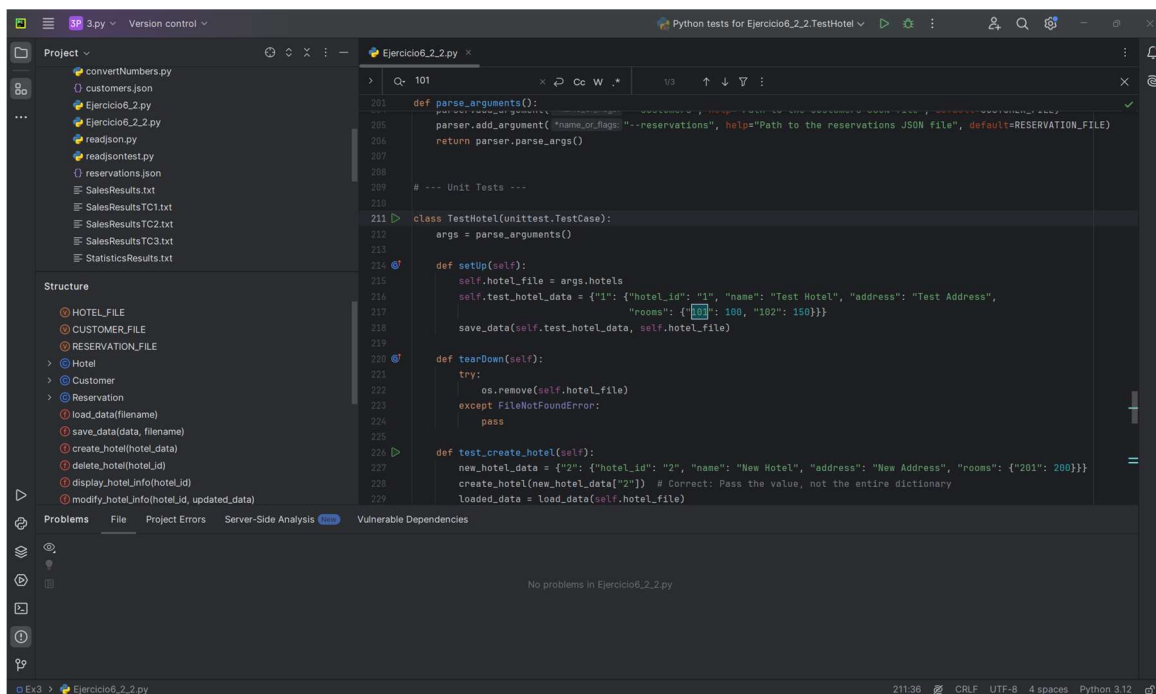
## Resultados de P1

Los resultados se adjuntan en la carpeta del Github,

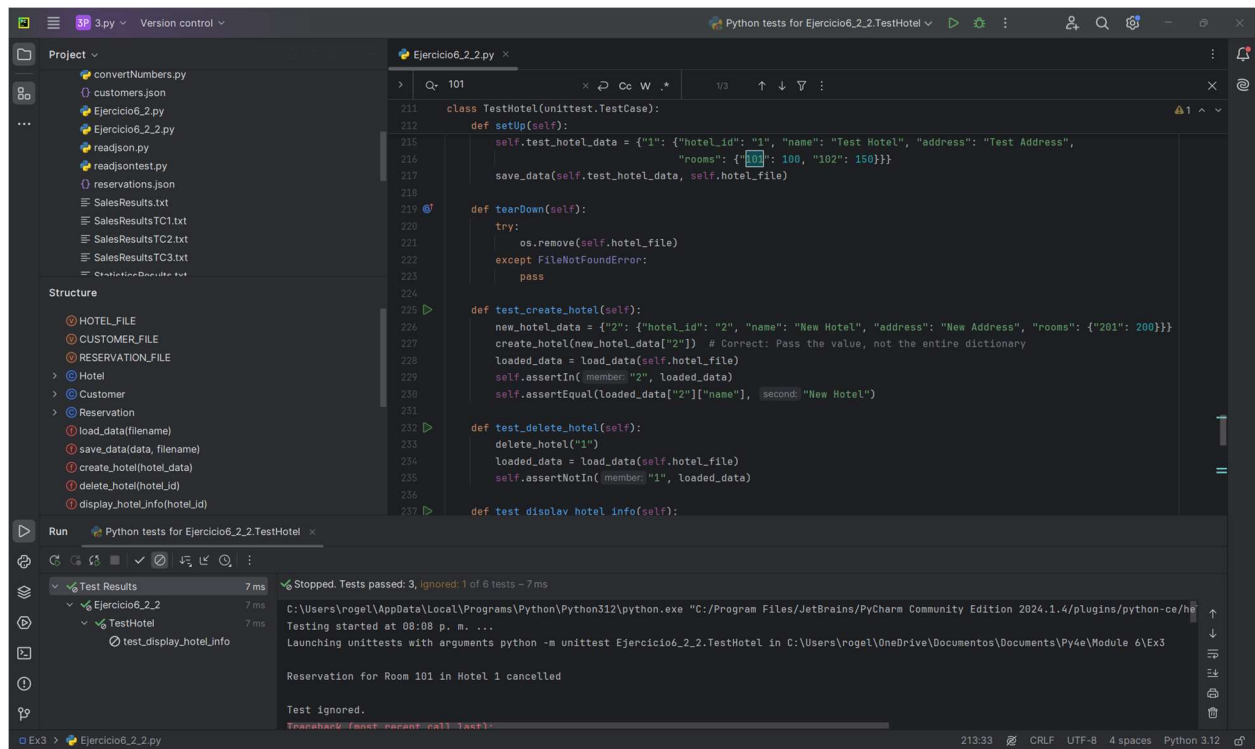
Evidencia con error con el plug in de pycharm de pylint:



Evidencia sin error:



## Evidencia de test:



The screenshot displays the PyCharm IDE interface. The top toolbar shows the 'Run' button (a green play icon) and a search icon. The left sidebar contains the 'Project' view, showing a file tree with files like `convertNumbers.py`, `customers.json`, `Ejercicio6_2.py`, `readjson.py`, `readjsonTest.py`, `reservations.json`, `SalesResults.txt`, `SalesResultsTC1.txt`, `SalesResultsTC2.txt`, and `SalesResultsTC3.txt`. Below the file tree is the 'Structure' view, showing a class hierarchy with `HOTEL_FILE`, `CUSTOMER_FILE`, `RESERVATION_FILE`, and a `Hotel` class containing `Customer` and `Reservation` subclasses, along with methods like `load_data(filename)`, `save_data(data, filename)`, `create_hotel(hotel_data)`, `delete_hotel(hotel_id)`, and `display_hotel_info(hotel_id)`.

The main editor window shows the code for `Ejercicio6_2_2.py`. The code defines a `TestHotel` class inheriting from `unittest.TestCase`. It includes a `setUp` method, a `tearDown` method, and several test methods: `test_create_hotel`, `test_delete_hotel`, and `test_display_hotel_info`. The `setUp` method initializes `self.test_hotel_data` and `self.hotel_file`. The `test_create_hotel` method creates a new hotel, loads the data, and asserts that the data is correct. The `test_delete_hotel` method deletes a hotel and asserts that it is no longer in the data. The `test_display_hotel_info` method displays the hotel information.

At the bottom, the 'Run' panel shows the test results. It indicates that the tests passed, with 3 tests passed and 1 test ignored. The output shows the following messages:

```
Testing started at 08:08 p. m. ...
Launching unittests with arguments python -m unittest Ejercicio6_2_2.TestHotel in C:\Users\roge1\OneDrive\Documents\Py4e\Module 6\Ex3
Reservation for Room 101 in Hotel 1 cancelled
Test ignored.
Traceback (most recent call last):
```

En el repositorio esta el archivo Python llamado Ejercicios6\_2\_2.py, los json hotels, reservations y customers.