



PRUEBAS DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD

Dr. Gerardo Padilla Zárate

Mtra. Yetnalezí Quintas Ruiz

6.2 Ejercicio de programación 3 y pruebas de unidad

Sinaí Avalos Rivera

A01730466

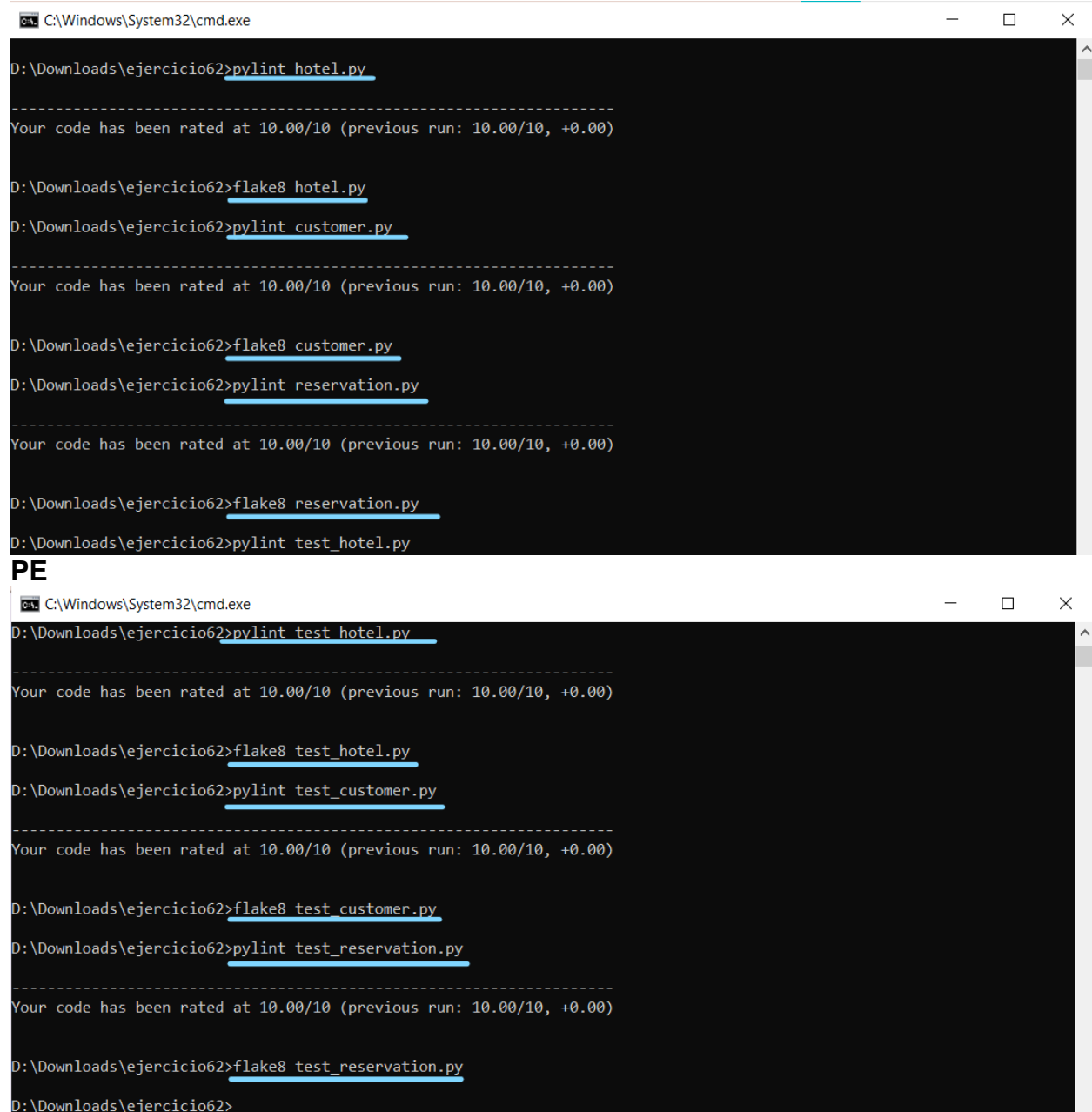
18 de febrero de 2024

Ejercicio de programación 3 y pruebas de unidad

Link a repositorio:

https://github.com/SinaiAvalos/TC4017.10/tree/main/A01730466_A6.2

Análisis de Errores de Pylint – PEP8 y Errores de Flake:



The image displays two screenshots of a Windows command prompt window, showing the execution of Pylint and Flake8 on various Python files. The window title is "C:\Windows\System32\cmd.exe".

Top Screenshot:

```
D:\Downloads\ejercicio62>pylint hotel.py
-----
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

D:\Downloads\ejercicio62>flake8 hotel.py

D:\Downloads\ejercicio62>pylint customer.py
-----
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

D:\Downloads\ejercicio62>flake8 customer.py

D:\Downloads\ejercicio62>pylint reservation.py
-----
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

D:\Downloads\ejercicio62>flake8 reservation.py

D:\Downloads\ejercicio62>pylint test_hotel.py
```

PE

Bottom Screenshot:

```
D:\Downloads\ejercicio62>pylint test_hotel.py
-----
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

D:\Downloads\ejercicio62>flake8 test_hotel.py

D:\Downloads\ejercicio62>pylint test_customer.py
-----
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

D:\Downloads\ejercicio62>flake8 test_customer.py

D:\Downloads\ejercicio62>pylint test_reservation.py
-----
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

D:\Downloads\ejercicio62>flake8 test_reservation.py

D:\Downloads\ejercicio62>
```

Pruebas unitarias:

```
C:\Windows\System32\cmd.exe

D:\Downloads\ejercicio62>coverage run -m unittest discover
..Customer 'Omar D' deleted successfully.
.
Customer ID: C02, Name: Ana P, Email: ana@email.com
.....Hotel 'Test Hotel 1' deleted successfully.
.
Hotel Name: Test Hotel 1, Location: Test Loc 1, Rooms Available: 13
.....Reservation canceled successfully.
...
-----
Ran 21 tests in 0.004s

OK

D:\Downloads\ejercicio62>coverage report
Name                Stmts   Miss  Cover
-----
customer.py          38      3    92%
hotel.py             45      1    98%
reservation.py       17      1    94%
test_customer.py     41      1    98%
test_hotel.py        46      1    98%
test_reservation.py  34      1    97%
-----
TOTAL                221      8    96%

D:\Downloads\ejercicio62>coverage html
Wrote HTML report to <J8;;file:///D:/Downloads/ejercicio62/htmlcov/index.htmlhtmlcov/index.html<J8;;
D:\Downloads\ejercicio62>
```

File | D:/Downloads/ejercicio62/htmlcov/index.html

Coverage report: 96%

coverage.py v7.4.1, created at 2024-02-18 22:45 -0600

Module	statements	missing	excluded	coverage
customer.py	38	3	0	92%
hotel.py	45	1	0	98%
reservation.py	17	1	0	94%
test_customer.py	41	1	0	98%
test_hotel.py	46	1	0	98%
test_reservation.py	34	1	0	97%
Total	221	8	0	96%

coverage.py v7.4.1, created at 2024-02-18 22:45 -0600