



## **PRUEBAS DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD**

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### **6.2 Ejercicio de programación 3 y pruebas de unidad**

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A01730466

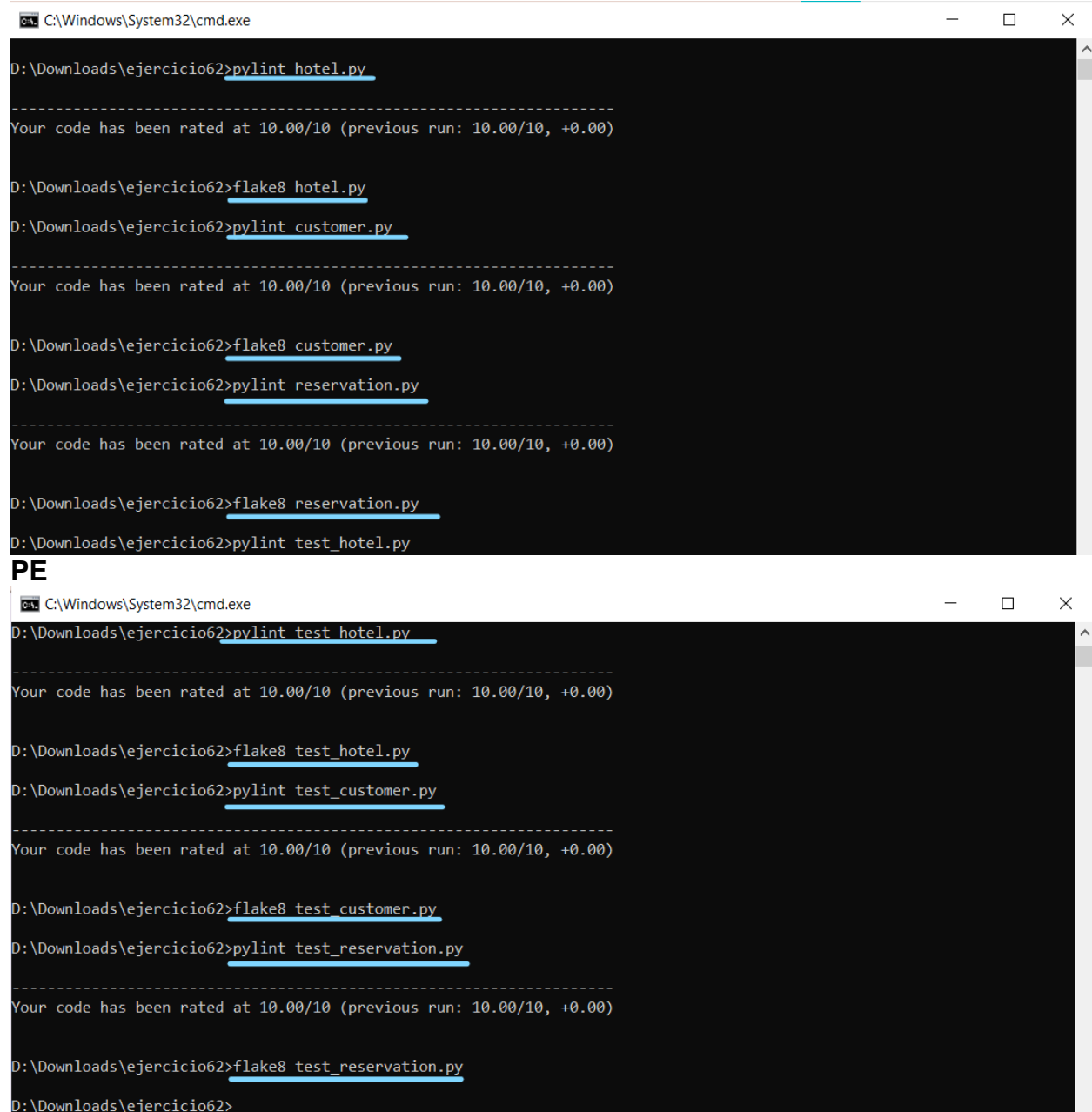
18 de febrero de 2024

## Ejercicio de programación 3 y pruebas de unidad

Link a repositorio:

[https://github.com/SinaiAvalos/TC4017.10/tree/main/A01730466\\_A6.2](https://github.com/SinaiAvalos/TC4017.10/tree/main/A01730466_A6.2)

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



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

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

C:\Windows\System32\cmd.exe

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