

Pylint (got a trouble with pylint version where it can't import the functions although they are within the same path)

```
C:\Users\saguilar\Documents\tests>pylint hotel.py
-----
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

C:\Users\saguilar\Documents\tests>pylint customer.py
-----
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

C:\Users\saguilar\Documents\tests>pylint reservation.py
-----
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

C:\Users\saguilar\Documents\tests>pylint test_hotel.py
***** Module tests.test_hotel
test_hotel.py:13:0: E0401: Unable to import 'hotel' (import-error)
-----
Your code has been rated at 8.94/10 (previous run: 8.94/10, +0.00)

C:\Users\saguilar\Documents\tests>pylint test_customer.py
***** Module tests.test_customer
test_customer.py:13:0: E0401: Unable to import 'customer' (import-error)
-----
Your code has been rated at 8.48/10 (previous run: 8.48/10, +0.00)

C:\Users\saguilar\Documents\tests>pylint test_reservation.py
***** Module tests.test_reservation
test_reservation.py:16:0: E0401: Unable to import 'reservation' (import-error)
-----
Your code has been rated at 8.75/10 (previous run: 8.75/10, +0.00)
```

## Flake8

```
C:\Users\saguilar\Documents\tests>flake8 C:/Users/saguilar/Documents/tests/test_hotel.py
C:\Users\saguilar\Documents\tests>flake8 C:/Users/saguilar/Documents/tests/test_customer.py
C:\Users\saguilar\Documents\tests>flake8 C:/Users/saguilar/Documents/tests/test_reservation.py
C:\Users\saguilar\Documents\tests>flake8 C:/Users/saguilar/Documents/tests/hotel.py
C:\Users\saguilar\Documents\tests>flake8 C:/Users/saguilar/Documents/tests/customer.py
C:\Users\saguilar\Documents\tests>flake8 C:/Users/saguilar/Documents/tests/reservation.py
```

Evaluate hotel function (with 3 negative cases – reservation not found, hotel already existing and rooms not available).

```
C:\Users\saguilar\Documents\tests>flake8 C:/Users/saguilar/Documents/tests/test_customer.py
C:\Users\saguilar\Documents\tests>python test_hotel.py
Reservation made for Room1.
Reservation Room1 canceled.
Reservation not found.
..Hotel already exists. Try modifying the file
..Reservation made for Room1.
Reservation made for Room2.
Reservation made for Room3.
Reservation made for Room4.
Reservation made for Room5.
Reservation made for Room6.
Reservation made for Room7.
Reservation made for Room8.
Reservation made for Room9.
Reservation made for Room10.
No more rooms available.
No more rooms available.
..
-----
Ran 5 tests in 0.021s
OK
```

Evaluate customer function (with 1 negative case – customer already existing).

```
C:\Users\saguilar\Documents\tests>python test_customer.py
Customer already exists.
....
-----
Ran 4 tests in 0.006s
OK
```

Evaluate reservation functions (1 negative case – room already reserved).

```
C:\Users\saguilar\Documents\tests>python test_reservation.py
Reservation canceled successfully.
..The room '101' in 'Hotel A' is already reserved.
.
-----
Ran 3 tests in 0.011s
OK
```

## Coverage report

```
C:\Users\saguilar\Documents\tests>coverage run -m unittest
Customer already exists.
....Reservation made for Room1.
Reservation Room1 canceled.
Reservation not found.
.Hotel already exists. Try modifying the file
..Reservation made for Room1.
Reservation made for Room2.
Reservation made for Room3.
Reservation made for Room4.
Reservation made for Room5.
Reservation made for Room6.
Reservation made for Room7.
Reservation made for Room8.
Reservation made for Room9.
Reservation made for Room10.
No more rooms available.
No more rooms available.
..Reservation canceled successfully.
..The room '101' in 'Hotel A' is already reserved.
.
```

-----  
Ran 12 tests in 0.033s

OK

```
C:\Users\saguilar\Documents\tests>coverage report -m
```

Name	Stmts	Miss	Cover	Missing
customer.py	34	0	100%	
hotel.py	50	1	98%	74
reservation.py	29	1	97%	71
test_customer.py	33	4	88%	23, 30, 60, 64
test_hotel.py	49	1	98%	108
test_reservation.py	40	1	98%	73
TOTAL	235	8	97%	