

## Pylint Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2> pylint A6.2/hotel_system.py  
-----  
Your code has been rated at 10.00/10 (previous run: 9.96/10, +0.04)
```

## Flake8 Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2> flake8 A6.2/hotel_system.py  
A6.2/hotel_system.py:396:80: E501 line too long (81 > 79 characters)  
A6.2/hotel_system.py:398:80: E501 line too long (81 > 79 characters)  
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2> pylint A6.2/hotel_system.py  
-----  
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)  
  
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2> flake8 A6.2/hotel_system.py  
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2> █
```

## Coverage: 97%

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2> coverage run A6.2/hotel_system.py  
.....[ERROR] Could not read A6.2/data/hotels.json: Expecting property name enclosed in double quotes: line 1 column 3 (char 2)  
.[ERROR] Could not read A6.2/data/hotels.json: Expecting property name enclosed in double quotes: line 1 column 3 (char 2)  
....  
-----  
Ran 19 tests in 0.089s  
  
OK  
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2> coverage report  
Name Stmts Miss Cover  
-----  
A6.2\hotel_system.py 271 9 97%  
-----  
TOTAL 271 9 97%  
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2> █
```

## List of negative test cases:

1. def test\_invalid\_json\_file(self):
2. def test\_invalid\_get\_hotel(self)
3. def test\_invalid\_get\_customer(self)
4. def test\_invalid\_reservation(self):
5. def test\_invalid\_cancelation(self):
6. def test\_display\_hotel\_not\_found(self):
7. def test\_display\_customer\_not\_found(self):

List of additional test cases:

1. `def test_create_hotel(self):`
2. `def test_delete_hotel(self):`
3. `def test_modify_hotel(self):`
4. `def test_reserve_room(self):`
5. `def test_create_customer(self):`
6. `def test_delete_customer(self):`
7. `def test_modify_customer(self):`
8. `def test_create_reservation(self):`
9. `def test_cancel_reservation(self):`
10. `def test_display_hotel(self):`
11. `def test_display_customer(self):`