

Pylint Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2> pylint A6.2/hotel_system.py
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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
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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):