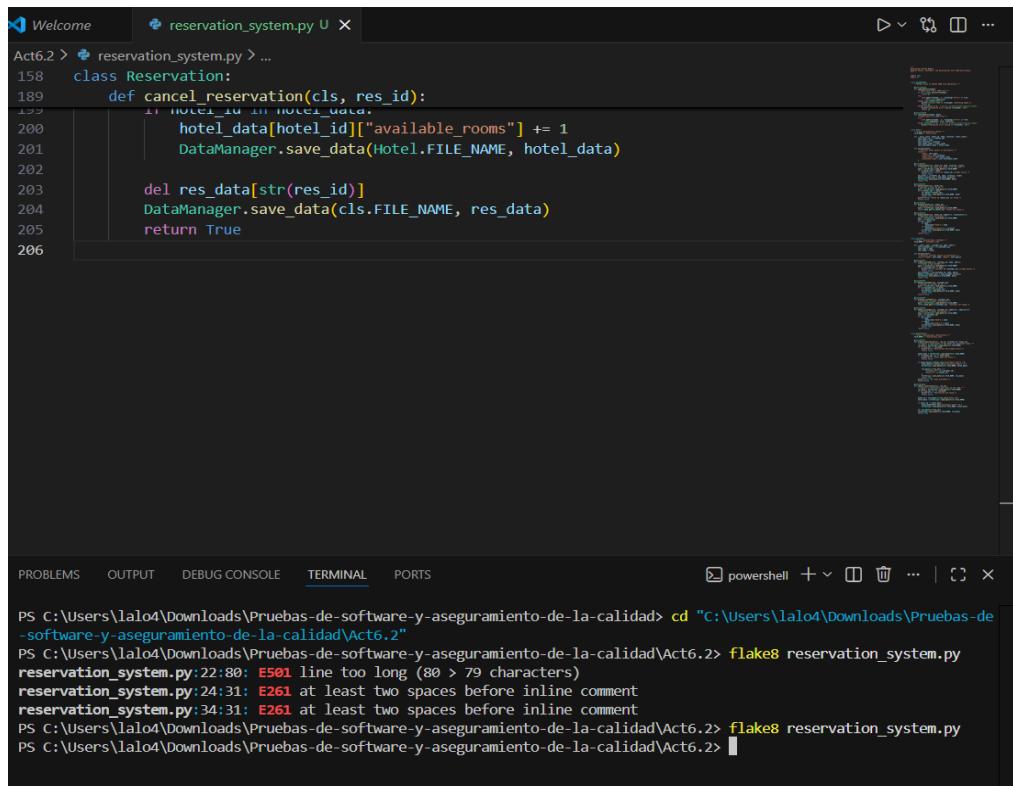


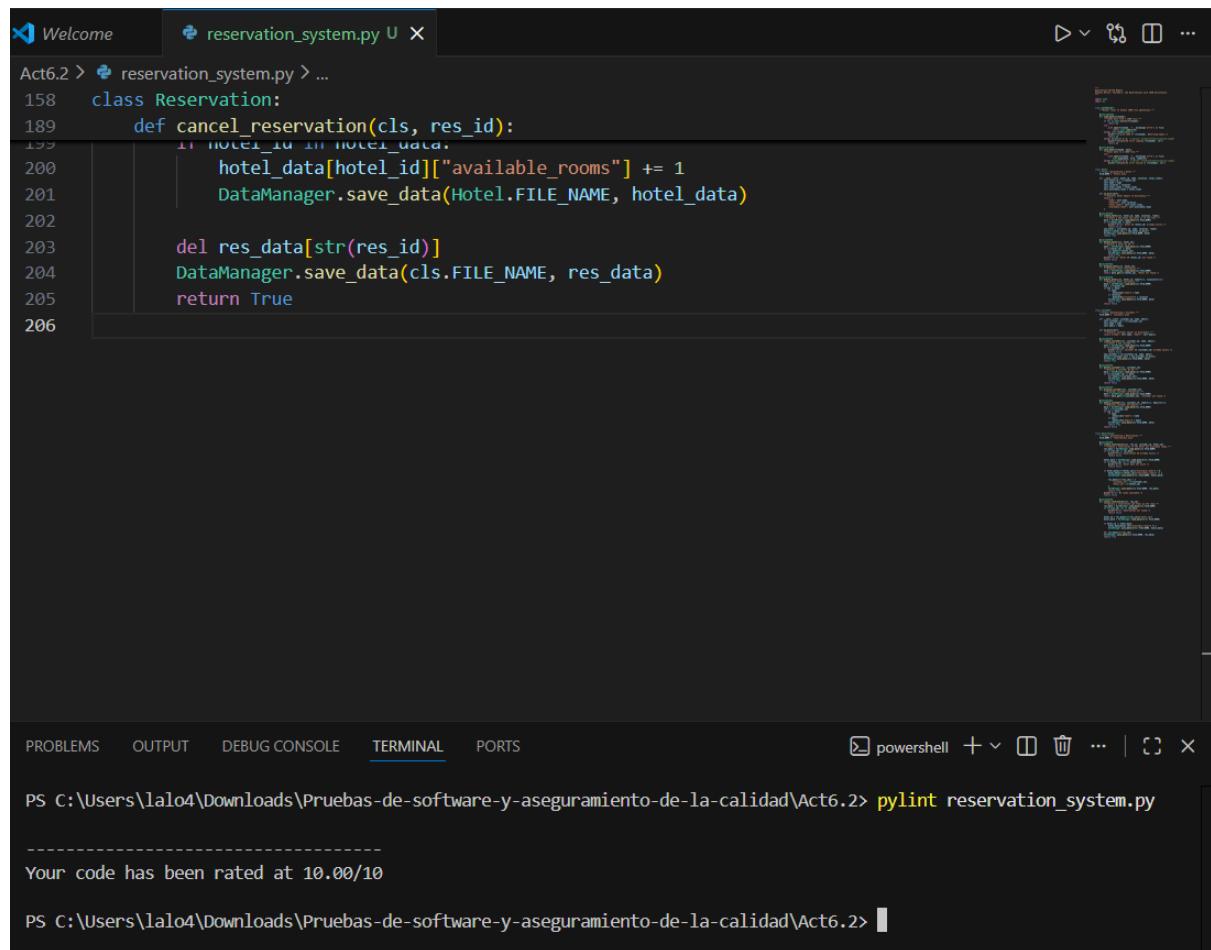
Evidencia Flake8 reservation_system.py



A screenshot of the Visual Studio Code interface. The top tab bar shows 'Welcome' and 'reservation_system.py'. The main editor area displays Python code for a 'Reservation' class. The terminal at the bottom shows the output of running Flake8 on the file.

```
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2> cd "C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2"
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2> flake8 reservation_system.py
reservation_system.py:22:80: E501 line too long (80 > 79 characters)
reservation_system.py:24:31: E261 at least two spaces before inline comment
reservation_system.py:34:31: E261 at least two spaces before inline comment
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2> flake8 reservation_system.py
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2>
```

Evidencia Pylint reservation_system.py



A screenshot of the Visual Studio Code interface. The top tab bar shows 'Welcome' and 'reservation_system.py'. The main editor area displays Python code for a 'Reservation' class. The terminal at the bottom shows the output of running Pylint on the file.

```
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2> pylint reservation_system.py
-----
Your code has been rated at 10.00/10
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2>
```

Evidencia Flake 8 test_reservation_system.py

The screenshot shows a code editor interface with a dark theme. At the top, there's a navigation bar with 'Help' and back/forward arrows, followed by a search bar containing 'Pruebas-de-software-y-aseguramiento-de-la-calidad'. Below the search bar are tabs for 'Welcome', 'reservation_system.py', and 'test_reservation_system.py U X'. The main area displays Python code:

```
Act6.2 > test_reservation_system.py > ...
103  class TestReservation(BaseTest):
143      self.assertFalse(result)
144
145
146  class TestDataManager(BaseTest):
147      """Test suite for DataManager class."""
148
149      def test_invalid_json(self):
150          """Negative 9: Handle invalid JSON."""
151          with open(Hotel.FILE_NAME, 'w', encoding='utf-8') as f:
152              f.write("INVALID JSON")
153          data = DataManager.load_data(Hotel.FILE_NAME)
154          self.assertEqual(data, {})
155
156
157  if __name__ == '__main__':
158      unittest.main()
159
```

Below the code editor is a terminal window with the following content:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2> pylint reservation_system.py
-----
Your code has been rated at 10.00/10

PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2> flake8 test_reservation_system.py
test_reservation_system.py:158:20: W292 no newline at end of file
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2> flake8 test_reservation_system.py
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2>
```

Evidencia Pylint test_reservation_system.py

The screenshot shows a code editor with two tabs open: `reservation_system.py` and `test_reservation_system.py`. The `test_reservation_system.py` tab is active, displaying the following Python code:

```
Act6.2 > test_reservation_system.py > ...
103 class TestReservation(BaseTest):
143     self.assertFalse(result)
144
145
146 class TestDataManager(BaseTest):
147     """Test suite for DataManager class."""
148
149     def test_invalid_json(self):
150         """Negative 9: Handle invalid JSON."""
151         with open(Hotel.FILE_NAME, 'w', encoding='utf-8') as f:
152             f.write("INVALID JSON")
153         data = DataManager.load_data(Hotel.FILE_NAME)
154         self.assertEqual(data, {})
155
156
157 if __name__ == '__main__':
158     unittest.main()
159
```

Below the code editor is a terminal window showing the command `pylint test_reservation_system.py` being run. The output indicates a code rating of 10.00/10.

Evidencia Pruebas Unitarias y Manejo de Errores

Evidencia Coverage Report

The screenshot shows a terminal window with the following content:

```
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2> coverage report -m
```

Name	Stmts	Miss	Cover	Missing
reservation_system.py	144	7	95%	24-26, 34-35, 99, 155
test_reservation_system.py	94	2	98%	26, 158
TOTAL	238	9	96%	

```
PS C:\Users\lalo4\Downloads\Pruebas-de-software-y-aseguramiento-de-la-calidad\Act6.2>
```