Evidencias de solución a problema 1 Reservation System

Tests execution and Code coverage >85%

```
→ reservationSystem git:(main) ✗ coverage run --source=app -m unittest discover -s test -p "test_*.py"
.......No available rooms in this hotel.
....
----------------------------------------------------------------
Ran 11 tests in 0.004s

OK
→ reservationSystem git:(main) ✗ coverage report -m
Name                  Stmts   Miss  Cover   Missing
-------------------------------------------------------
app/customer.py          37      1    97%   56
app/hotel.py             63      1    98%   61
app/persistence.py       14      0   100%
app/reservation.py       32      2    94%   55, 75
-------------------------------------------------------
TOTAL                   146      4    97%
```

Flake8 execution

The first execution found some errors:

```
→ reservationSystem git:(main) ✗ flake8 app
app/customer.py:84:80: E501 line too long (81 > 79 characters)
app/hotel.py:17:80: E501 line too long (83 > 79 characters)
app/hotel.py:33:80: E501 line too long (82 > 79 characters)
app/hotel.py:142:80: E501 line too long (86 > 79 characters)
app/persistence.py:46:1: W293 blank line contains whitespace
app/reservation.py:4:80: E501 line too long (80 > 79 characters)
app/reservation.py:70:80: E501 line too long (80 > 79 characters)
app/reservation.py:96:80: E501 line too long (84 > 79 characters)
```

Errors fixed:

```
→ reservationSystem git:(main) ✗ flake8 app
→ reservationSystem git:(main) ✗
```

Pylint execution

```
----------------------------------------------------------------
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
```