Instituto Tecnológico y de Estudios Superiores de Monterrey

5.3 – Ejercicio de programación 3 y pruebas de unidad

Carlos Isaac Sagrero Campos
Matrícula: A01796826

Pruebas de software y aseguramiento de la calidad

20 de febrero de 2026

Resultados

Repo URL: https://github.com/carlossagrero/TC4017/tree/main/a01796826_a6_2

Pruebas unitarias y covertura

```
● let's hack🤖~./src/ejecutar_pruebas.sh
============================ tests coverage ============================
_____ coverage: platform darwin, python 3.12.7-final-0 _____

Name             Stmts   Miss Branch BrPart   Cover   Missing
------------------------------------------------------------
src/hotel.py        22      0     2      0  100.00%
------------------------------------------------------------
TOTAL               22      0     2      0  100.00%
============================ 8 passed in 0.08s ============================


============================ tests coverage ============================
_____ coverage: platform darwin, python 3.12.7-final-0 _____

Name                  Stmts   Miss Branch BrPart   Cover   Missing
------------------------------------------------------------------
src/hotel_service.py     62      0     6      0  100.00%
------------------------------------------------------------------
TOTAL                    62      0     6      0  100.00%
============================ 10 passed in 0.09s ============================


============================ tests coverage ============================
_____ coverage: platform darwin, python 3.12.7-final-0 _____

Name              Stmts   Miss Branch BrPart   Cover   Missing
---------------------------------------------------------------
src/customer.py      20      0     2      0  100.00%
---------------------------------------------------------------
TOTAL                20      0     2      0  100.00%
============================ 9 passed in 0.08s ============================


============================ tests coverage ============================
_____ coverage: platform darwin, python 3.12.7-final-0 _____

Name                     Stmts   Miss Branch BrPart   Cover   Missing
----------------------------------------------------------------------
src/customer_service.py     66      0     8      0  100.00%
----------------------------------------------------------------------
TOTAL                       66      0     8      0  100.00%
============================ 11 passed in 0.10s ============================
============================ tests coverage ============================
_____ coverage: platform darwin, python 3.12.7-final-0 _____

Name                 Stmts   Miss Branch BrPart   Cover   Missing
------------------------------------------------------------------
src/reservation.py      20      0     2      0  100.00%
------------------------------------------------------------------
TOTAL                   20      0     2      0  100.00%
============================ 9 passed in 0.09s ============================


============================ tests coverage ============================
_____ coverage: platform darwin, python 3.12.7-final-0 _____

Name                        Stmts   Miss Branch BrPart   Cover   Missing
-------------------------------------------------------------------------
src/reservation_service.py     55      0     8      0  100.00%
-------------------------------------------------------------------------
TOTAL                          55      0     8      0  100.00%
============================ 9 passed in 0.10s ============================
```

Pruebas de calidad (pylint y flake8)

```
● let's hack☠~./src/ejecuta_calidad.sh
  ----------------------------------------------------------------
  Prueba de Calidad — 20/02/2026
  ----------------------------------------------------------------

  Ejecutando pylint...
  ----------------------------------------------------------------
  Pylint Report — 20/02/2026
  ----------------------------------------------------------------


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


  ----------------------------------------------------------------
  Flake8 Report — 20/02/2026
  ----------------------------------------------------------------
```