

# COMPTE RENDU TESTS UNITAIRE PYTHON

## Antonin REYDET 6

Le projet est constitué de 7 dossiers, 1 dossier par question. Le fichier *LaunchAllTests* est un fichier qui lance les tests de toutes les questions.

### Question 1:

```
✓ Tests passed: 16 of 16 tests - 0 ms
Launching pytest with arguments EstPremier_test.py::test_est_premier --no-header --no-summary -q in /Users/antoninreydet/Dev/

===== test session starts =====
collecting ... collected 16 items

EstPremier_test.py::test_est_premier[104730-False]
EstPremier_test.py::test_est_premier[104729-True]
EstPremier_test.py::test_est_premier[15-False]
EstPremier_test.py::test_est_premier[9-False]
EstPremier_test.py::test_est_premier[8-False]
EstPremier_test.py::test_est_premier[6-False]
EstPremier_test.py::test_est_premier[4-False]
EstPremier_test.py::test_est_premier[1-False]
EstPremier_test.py::test_est_premier[0-False]
EstPremier_test.py::test_est_premier[17-True]
EstPremier_test.py::test_est_premier[13-True]
EstPremier_test.py::test_est_premier[11-True]
EstPremier_test.py::test_est_premier[7-True]
EstPremier_test.py::test_est_premier[5-True]
EstPremier_test.py::test_est_premier[3-True]
EstPremier_test.py::test_est_premier[2-True]

===== 16 passed in 0.01s =====
PASSED [ 6%]PASSED [ 12%]PASSED [ 18%]PASSED [ 25%]PAS
Process finished with exit code 0
```

### Question 2:

```
✓ Tests passed: 3 of 3 tests - 0 ms

/Users/antoninreydet/Dev/TP_EXAMEN/.venv/bin/python /Applications/PyCharm.app/Contents/plugins/python/helpers/pycharm/_jb_py
Testing started at 15:27 ...
Launching pytest with arguments /Users/antoninreydet/Dev/TP_EXAMEN/Question2/CompterMots_test.py --no-header --no-summary -q

===== test session starts =====
collecting ... collected 3 items

CompterMots_test.py::TestCompterMots::test_phrase_avec_espaces_supplementaires PASSED [ 33%]
CompterMots_test.py::TestCompterMots::test_phrase_non_vide PASSED [ 66%]
CompterMots_test.py::TestCompterMots::test_phrase_vide PASSED [100%]

===== 3 passed in 0.01s =====

Process finished with exit code 0
```

### Question 3:

```
_test.py x

✓ Tests passed: 4 of 4 tests - 0 ms

/Users/antoninreydet/Dev/TP_EXAMEN/.venv/bin/python /Applications/PyCharm.app/Contents/plugins/python/helpers/pycharm/_jb_py
Testing started at 15:27 ...
Launching pytest with arguments /Users/antoninreydet/Dev/TP_EXAMEN/Question3/CompteBancaire_test.py --no-header --no-summary

===== test session starts =====
collecting ... collected 4 items

CompteBancaire_test.py::test_deposer PASSED [ 25%]
CompteBancaire_test.py::test_retirer PASSED [ 50%]
CompteBancaire_test.py::test_retirer_avec_solde_insuffisant PASSED [ 75%]
CompteBancaire_test.py::test_obtenir_solde PASSED [100%]

===== 4 passed in 0.01s =====

Process finished with exit code 0
```

### Question 4:

```
py x
✓ Tests passed: 2 of 2 tests - 0 ms
/Users/antoninreydet/Dev/TP_EXAMEN/.venv/bin/python /Applications/PyCharm.app/Contents/plugins/python/helpers/pycharm/_jb_py
Testing started at 15:28 ...
Launching pytest with arguments /Users/antoninreydet/Dev/TP_EXAMEN/Question4/SommeList_test.py --no-header --no-summary -q in

===== test session starts =====
collecting ... collected 2 items

SommeList_test.py::TestSommeListe::test_liste_non_vide PASSED [ 50%]
SommeList_test.py::TestSommeListe::test_liste_vide PASSED [100%]

===== 2 passed in 0.00s =====

Process finished with exit code 0
```

## Question 5:

```
✓ Tests passed: 2 of 2 tests - 0 ms
/Users/antoninreydet/Dev/TP_EXAMEN/.venv/bin/python /Applications/PyCharm.app/Contents/plugins/python/helpers/pycharm/_jb_py
Testing started at 15:28 ...
Launching pytest with arguments /Users/antoninreydet/Dev/TP_EXAMEN/Question5/Rectangle_test.py --no-header --no-summary -q in

===== test session starts =====
collecting ... collected 2 items

Rectangle_test.py::test_calculer_perimetre PASSED [ 50%]
Rectangle_test.py::test_calculer_surface PASSED [100%]

===== 2 passed in 0.00s =====

Process finished with exit code 0
```

## Question 6:

Ici j'ai modifié la fonction afin d'afficher lors du test la valeur de base est celle renvoyé, j'ai aussi modifié afin de faire en sorte que lorsqu'il y a des majuscule cela passe tout en minuscule afin de ne pas poser de problème lors de l'inversion des caractères.

```

✓ Tests passed: 5 of 5 tests - 0 ms

/Users/antoninreydet/Dev/TP_EXAMEN/.venv/bin/python /Applications/PyCharm.app/Contents/plugins/python/helpers/pycharm/_jb_py
Testing started at 15:29 ...
Launching pytest with arguments Palindrome_test.py::test_est_palindrome --no-header --no-summary -q in /Users/antoninreydet/D

===== test session starts =====
collecting ... collected 5 items

Palindrome_test.py::test_est_palindrome[-True] PASSED [ 20%]
Palindrome_test.py::test_est_palindrome[python-False] PASSED [ 40%]python nohtyp
Palindrome_test.py::test_est_palindrome[\xe9t\xe9 \xe9t\xe9-True] PASSED [ 60%]été été été été
Palindrome_test.py::test_est_palindrome[\xc9t\xe9-True] PASSED [ 80%]été été
Palindrome_test.py::test_est_palindrome[radar-True] PASSED [100%]radar radar

```

## Question 7:

```

✓ Tests passed: 4 of 4 tests - 0 ms

/Users/antoninreydet/Dev/TP_EXAMEN/.venv/bin/python /Applications/PyCharm.app/Contents/plugins/python/helpers/pycharm/_jb_py
Testing started at 15:29 ...
Launching pytest with arguments /Users/antoninreydet/Dev/TP_EXAMEN/Question7/CalculerMoyenne_test.py --no-header --no-summary

===== test session starts =====
collecting ... collected 4 items

CalculerMoyenne_test.py::test_calculer_moyenne[liste0-3] PASSED [ 25%]
CalculerMoyenne_test.py::test_calculer_moyenne[liste1-20] PASSED [ 50%]
CalculerMoyenne_test.py::test_calculer_moyenne[liste2-0] PASSED [ 75%]
CalculerMoyenne_test.py::test_calculer_moyenne[liste3-None] PASSED [100%]

===== 4 passed in 0.00s =====

Process finished with exit code 0

```