```
RESULTAT DES TESTS

=========================== test session starts ============================
platform darwin -- Python 3.6.2, pytest-5.2.2, py-1.8.0, pluggy-0.13.0
rootdir: /Users/emiliendurif/Dropbox/cpge/ipt_mpsi_ds/DS08/correction_auto/scrip
t/DS_08_khatib
plugins: timeout-1.3.4
timeout: 60.0s
timeout method: signal
timeout func_only: False
collected 22 items

test_TP.py F...F..FFFFFFFFFF.FFFF                                       [100%]

================================== FAILURES ==================================
_____ test_Q1_req _____

    def test_Q1_req ():
>       assert requete(sol_Q1_req) == requete(Q1_req)
E       AssertionError: assert [('DUPONT', '...', 'M.'), ...] == [('M.', 'DUPO..
.'Alain'), ...]
E         At index 0 diff: ('DUPONT', 'Alain', 'M.') != ('M.', 'DUPONT', 'Alain'
)
E         Use -v to get the full diff

test_TP.py:98: AssertionError
_____ test_Q4_req _____

    def test_Q4_req ():
>       assert requete(sol_Q4_req) == requete(Q4_req)
E       AssertionError: assert [('DUHAMEL', ... 'Mme.'), ...] == [('DUHAMEL', ..
.'onique'), ...]
E         At index 0 diff: ('DUHAMEL', 'Evelyne', 'Melle.') != ('DUHAMEL', 'Evel
yne')
E         Use -v to get the full diff

test_TP.py:110: AssertionError
_____ test_Q6_req _____

    def test_Q6_req ():
>       assert requete(sol_Q6_req) == requete(Q6_req)
E       AssertionError: assert [('BOYER', 'M...velyne'), ...] == [('DAUMIER', ..
.velyne'), ...]
E         At index 0 diff: ('BOYER', 'Martine') != ('DAUMIER', 'Amélie')
E         Use -v to get the full diff

test_TP.py:119: AssertionError
_____ test_Q7_req _____

    def test_Q7_req ():
>       assert requete(sol_Q7_req) == requete(Q7_req)
E       AssertionError: assert [('DUPONT', '...-92-21'), ...] == []
E         Left contains 121 more items, first extra item: ('DUPONT', '01-45-42-5
6-63')
E         Use -v to get the full diff

test_TP.py:122: AssertionError
_____ test_Q8_req _____

    def test_Q8_req ():
>       assert requete(sol_Q8_req) == requete(Q8_req)
E       AssertionError: assert [('MARTIN',)] == []
E         Left contains one more item: ('MARTIN',)
E         Use -v to get the full diff

test_TP.py:125: AssertionError
_____ test_Q9_req _____
```

```
     def test_Q9_req ():
>        assert requete(sol_Q9_req) == requete(Q9_req)
E        AssertionError: assert [('MARTIN', 3)] == []
E          Left contains one more item: ('MARTIN', 3)
E          Use -v to get the full diff

test_TP.py:128: AssertionError
_____ test_Q10_res _____

     def test_Q10_res ():
>        assert sol_Q10_res.upper() ==  Q10_res.upper()
E        AssertionError: assert '(22.0, 56.0)' == ''
E          - (22.0, 56.0)

test_TP.py:131: AssertionError
_____ test_Q10_req _____

     def test_Q10_req ():
>        assert requete(sol_Q10_req) == requete(Q10_req)
E        assert [(22.0, 56.0)] == []
E          Left contains one more item: (22.0, 56.0)
E          Use -v to get the full diff

test_TP.py:134: AssertionError
_____ test_Q11_res _____

     def test_Q11_res ():
>        assert sol_Q11_res.upper() ==  Q11_res.upper()
E        AssertionError: assert '(22.0, 56)' == ''
E          - (22.0, 56)

test_TP.py:137: AssertionError
_____ test_Q11_req _____

     def test_Q11_req ():
>        assert requete(sol_Q11_req) == requete(Q11_req)
E        assert [(22.0, 56)] == []
E          Left contains one more item: (22.0, 56)
E          Use -v to get the full diff

test_TP.py:140: AssertionError
_____ test_Q12_req _____

     def test_Q12_req ():
>        assert requete(sol_Q12_req) == requete(Q12_req)
E        assert [(1,), (2,), ...), (26,), ...] == [(3,), (3,), ...), (27,), ...]
E          At index 0 diff: (1,) != (3,)
E          Right contains 216 more items, first extra item: (1523,)
E          Use -v to get the full diff

test_TP.py:143: AssertionError
_____ test_Q13_req _____

     def test_Q13_req ():
>        assert requete(sol_Q13_req) == requete(Q13_req)
E        assert [(1,), (2,), ...,), (6,), ...] == [(1,), (1,), ...,), (2,), ...]
E          At index 1 diff: (2,) != (1,)
E          Right contains 452 more items, first extra item: (20,)
E          Use -v to get the full diff

test_TP.py:146: AssertionError
_____ test_Q15_res _____

     def test_Q15_res ():
>        assert sol_Q15_res.upper() ==  Q15_res.upper()
E        assert "('MEDARD', 'JACQUES', 672)" == 'MEDARD,JACQUES,504'
E          - ('MEDARD', 'JACQUES', 672)
E          + MEDARD,JACQUES,504
```

```
test_TP.py:152: AssertionError
_____ test_Q15_req _____

    def test_Q15_req ():
>       assert requete(sol_Q15_req) == requete(Q15_req)
E       AssertionError: assert [('MEDARD', 'Jacques', 672)] == [(504,)]
E         At index 0 diff: ('MEDARD', 'Jacques', 672) != (504,)
E         Use −v to get the full diff

test_TP.py:155: AssertionError
_____ test_Q15_res2 _____

    def test_Q15_res2 ():
>       assert sol_Q15_res2.upper() ==  Q15_res.upper()
E       assert "('THOMASSE',...-CLAUDE', 20)" == 'MEDARD,JACQUES,504'
E         − ('THOMASSE', 'JEAN−CLAUDE', 20)
E         + MEDARD,JACQUES,504

test_TP.py:158: AssertionError
_____ test_Q15_req2 _____

    def test_Q15_req2 ():
>       assert requete(sol_Q15_req2) == requete(Q15_req)
E       AssertionError: assert [('THOMASSE',...-Claude', 20)] == [(504,)]
E         At index 0 diff: ('THOMASSE', 'Jean−Claude', 20) != (504,)
E         Use −v to get the full diff

test_TP.py:161: AssertionError
======================== 16 failed, 6 passed in 0.85s ========================
```