

## 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_maillard
plugins: timeout-1.3.4
timeout: 60.0s
timeout method: signal
timeout func_only: False
collected 22 items

```

```
test_TP.py .....FFFF.F.FF.FFFF [100%]
```

```

===== FAILURES =====
_____ test_Q7_req _____

```

```

def test_Q7_req ():
>     assert requete(sol_Q7_req) == requete(Q7_req)
E     AssertionError: assert [('DUPONT', '...-92-21'), ...] == [('DUPONT', '..
-52-50'), ...]
E       At index 2 diff: ('DUBOIS', '02-41-58-89-52') != ('DUPONT', '01-44-28-
52-50')
E       Right contains 46 more items, first extra item: ('AIACH', '04-91-52-51
-52')
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 [('BENATTAR',), ('MARTIN',)] == [('BENATTAR',... (
'MARTIN', 2)]
E       At index 0 diff: ('BENATTAR',) != ('BENATTAR', 2)
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 [('BENATTAR',... ('MARTIN', 2)] == [(2,), (2,)]
E       At index 0 diff: ('BENATTAR', 2) != (2,)
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 '(61.0, 95.0)' == '61,95'
E       - (61.0, 95.0)
E       + 61,95

```

```
test_TP.py:131: AssertionError
_____ test_Q11_res _____

```

```

def test_Q11_res ():
>     assert sol_Q11_res.upper() == Q11_res.upper()
E     AssertionError: assert '(61.0, 95)' == '61,95'
E       - (61.0, 95)
E       + 61,95

```

```
test_TP.py:137: AssertionError
_____ test_Q12_req _____

```

```
def test_Q12_req ():
```

```

> assert requete(sol_Q12_req) == requete(Q12_req)
E assert [(1,), (2,), ...), (26,), ...] == [(1,), (3,), ...), (2,), ...]
E At index 1 diff: (2,) != (3,)
E Right contains 897 more items, first extra item: (690,)
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,), (3,), ...), (7,), ...] == [(1,), (1,), ...), (1,), ...]
E At index 1 diff: (3,) != (1,)
E Right contains 1059 more items, first extra item: (9,)
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 "('SILLET', 'JACQUES', 1045)" == 'BENATTAR,PIERRE,1615'
E - ('SILLET', 'JACQUES', 1045)
E + BENATTAR,PIERRE,1615

test_TP.py:152: AssertionError
_____ test_Q15_req _____

def test_Q15_req ():
> assert requete(sol_Q15_req) == requete(Q15_req)
E AssertionError: assert [('SILLET', 'Jacques', 1045)] == [('AIACH', 'A...
60, 305), ...]
E At index 0 diff: ('SILLET', 'Jacques', 1045) != ('AIACH', 'Alexandre',
475, 305)
E Right contains 89 more items, first extra item: ('ALBERT', 'Christian'
, 95, 549)
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 "('LETERRIER', 'MONIQUE', 21)" == 'BENATTAR,PIERRE,1615'
E - ('LETERRIER', 'MONIQUE', 21)
E + BENATTAR,PIERRE,1615

test_TP.py:158: AssertionError
_____ test_Q15_req2 _____

def test_Q15_req2 ():
> assert requete(sol_Q15_req2) == requete(Q15_req)
E AssertionError: assert [('LETERRIER', 'Monique', 21)] == [('AIACH', 'A..
.60, 305), ...]
E At index 0 diff: ('LETERRIER', 'Monique', 21) != ('AIACH', 'Alexandre'
, 475, 305)
E Right contains 89 more items, first extra item: ('ALBERT', 'Christian'
, 95, 549)
E Use -v to get the full diff

test_TP.py:161: AssertionError
===== 11 failed, 11 passed in 1.07s =====

```

```
NOM = "MAILLARD"
Prenom = "Chloé"
Classe = "MPSI2"
alpha="46"
```

```
## Question 1
```

```
Q1_req = "select CLI_NOM, CLI_PRENOM, TIT_CODE from T_CLIENT;"
```

```
## Question 2
```

```
Q2_req = "select count(*) from T_CLIENT;"
```

```
Q2_res = "92"
```

```
## Question 3
```

```
Q3_req = "select CLI_NOM, CLI_PRENOM from T_CLIENT where TIT_CODE='Mme.';"
```

```
## Question 4
```

```
Q4_req = "select CLI_NOM, CLI_PRENOM, TIT_CODE from T_CLIENT where TIT_CODE='Mme.' or TIT_CODE='Melle.';"
```

```
## Question 5
```

```
Q5_req = "select count(*) from T_CLIENT where TIT_CODE='Mme.' or TIT_CODE='Melle.';"
```

```
Q5_res = "16"
```

```
## Question 6
```

```
Q6_req = "select CLI_NOM as Noms, CLI_PRENOM as 'Prénoms' from T_CLIENT where TIT_CODE='Mme.' or TIT_CODE='Melle.' order by CLI_NOM ASC;"
```

```
## Question 7
```

```
Q7_req = "select CLI_NOM, TEL_NUMERO from T_CLIENT join T_TELEPHONE on T_CLIENT.CLI_ID=T_TELEPHONE.CLI_ID;"
```

```
## Question 8
```

```
Q8_req = "select CLI_NOM, count(*) as nb from T_CLIENT group by CLI_NOM having nb>=2;"
```

```
## Question 9
```

```
Q9_req = "select count(*) as nb from T_CLIENT group by CLI_NOM having nb>=2;"
```

```
Q9_res = "2,2"
```

```
## Question 10
```

```
Q10_req = "select avg(LIF_REMISE_POURCENT), avg(LIF_REMISE_MONTANT) from T_LIGNE_FACTURE;"
```

```
Q10_res = "61,95"
```

```
## Question 11
```

```
Q11_req = "select max(LIF_REMISE_POURCENT), max(LIF_REMISE_MONTANT) from T_LIGNE_FACTURE;"
```

```
Q11_res = "61,95"
```

```
## Question 12
```

```
Q12_req = "select FAC_ID as fac_id1 from T_LIGNE_FACTURE where LIF_REMISE_MONTANT!='NULL' or LIF_REMISE_POURCENT!='NULL';"
```

```
## Question 13
```

```
Q13_req = "select T_CLIENT.CLI_ID from T_CLIENT join T_FACTURE on T_CLIENT.CLI_ID=T_FACTURE.CLI_ID join T_LIGNE_FACTURE on T_FACTURE.FAC_ID=T_LIGNE_FACTURE.FAC_ID where LIF_REMISE_MONTANT!='NULL' or LIF_REMISE_POURCENT!='NULL';"
```

```
## Question 14
```

```
Q14_req = "select T_CLIENT.CLI_ID from T_CLIENT join T_FACTURE on T_CLIENT.CLI_ID=T_FACTURE.CLI_ID join T_LIGNE_FACTURE on T_FACTURE.FAC_ID=T_LIGNE_FACTURE.FAC_ID where LIF_REMISE_MONTANT='NULL' and LIF_REMISE_POURCENT='NULL';"
```

## Question 15

```
Q15_req = "select T_CLIENT.CLI_NOM, T_CLIENT.CLI_PRENOM, sum(LIF_REMISE_MONTANT)
, sum(LIF_REMISE_POURCENT) from T_CLIENT join T_FACTURE on T_CLIENT.CLI_ID=T_FACTURE.CLI_ID join T_LIGNE_FACTURE on T_FACTURE.FAC_ID=T_LIGNE_FACTURE.FAC_ID group by T_CLIENT.CLI_NOM ;"
```

```
Q15_res = "Benattar,Pierre,1615"
```