

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_meissirel
plugins: timeout-1.3.4
timeout: 60.0s
timeout method: signal
timeout func_only: False
collected 22 items
```

```
test_TP.py F...F...FF.F.F.F.FFFFFF [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 [('DAUMIER', ... 'Mme.'), ...] == [(15,)]
E At index 0 diff: ('DAUMIER', 'Amélie', 'Melle.') != (15,)
E Left contains 14 more items, first extra item: ('BOYER', 'Martine', 'M
me.')
E Use -v to get the full diff
```

```
test_TP.py:110: AssertionError
```

```
_____ test_Q7_req _____
```

```
def test_Q7_req ():
> assert requete(sol_Q7_req) == requete(Q7_req)
E AssertionError: assert [('DUPONT', '...-52-56'), ...] == [('DUPONT', '...
-52-50'), ...]
E At index 2 diff: ('DUBOIS', '02-41-58-89-52') != ('DUPONT', '01-44-28-
52-50')
E Right contains 45 more items, first extra item: ('BENATTAR', '04-90-96
-42-03')
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',)] == [('MARTIN', '...'
, 'Bernard')]
E At index 0 diff: ('BENATTAR',) != ('MARTIN', 'Marc')
E Right contains 2 more items, first extra item: ('BENATTAR', 'Pierre')
E Use -v to get the full diff
```

```
test_TP.py:125: AssertionError
```

```
_____ test_Q10_res _____
```

```
def test_Q10_res ():
> assert sol_Q10_res.upper() == Q10_res.upper()
E AssertionError: assert '(69.0, 103.0)' == '69,103'
E - (69.0, 103.0)
E + 69,103
```

```
test_TP.py:131: AssertionError
```

```
_____ test_Q11_res _____
```

```
def test_Q11_res ():
> assert sol_Q11_res.upper() == Q11_res.upper()
E AssertionError: assert '(69.0, 103)' == '69,103'
E - (69.0, 103)
E + 69,103
```

```
test_TP.py:137: AssertionError
```

```
_____ test_Q12_req _____
```

```
def test_Q12_req ():
> assert requete(sol_Q12_req) == requete(Q12_req)
E assert [(1,), (2,), ...], (27,), ...] == [(1,), (3,), ...), (2,), ...]
E At index 1 diff: (2,) != (3,)
E Right contains 863 more items, first extra item: (712,)
E Use -v to get the full diff
```

```
test_TP.py:143: AssertionError
```

```
_____ test_Q14_req _____
```

```
def test_Q14_req ():
> assert requete(sol_Q14_req) == requete(Q14_req)
E assert [] == [(1,), (2,), ...), (6,), ...]
E Right contains 90 more items, first extra item: (1,)
E Use -v to get the full diff
```

```
test_TP.py:149: AssertionError
```

```
_____ test_Q15_res _____
```

```
def test_Q15_res ():
> assert sol_Q15_res.upper() == Q15_res.upper()
E assert "('SILLET', 'JACQUES', 1133)" == 'NOM,PRENOM,MONTANT'
E - ('SILLET', 'JACQUES', 1133)
E + NOM,PRENOM,MONTANT
```

```
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', 1133)] == []
E Left contains one more item: ('SILLET', 'Jacques', 1133)
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 "('GARREAU', 'PAUL', 22)" == 'NOM,PRENOM,MONTANT'
E - ('GARREAU', 'PAUL', 22)
E + NOM,PRENOM,MONTANT
```

```
test_TP.py:158: AssertionError
```

```
_____ test_Q15_req2 _____
```

```
def test_Q15_req2 ():
> assert requete(sol_Q15_req2) == requete(Q15_req)
E AssertionError: assert [('GARREAU', 'Paul', 22)] == []
E Left contains one more item: ('GARREAU', 'Paul', 22)
E Use -v to get the full diff
```

```
test_TP.py:161: AssertionError
```

```
===== 12 failed, 10 passed in 0.75s =====
```

```
NOM = "MEISSIREL"  
Prenom = "ELISE"  
Classe = "MPSI2"  
alpha="54"
```

```
## Question 1
```

```
Q1_req = "SELECT TIT_CODE, CLI_NOM, CLI_PRENOM from T_CLIENT"
```

```
## Question 2
```

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

```
Q2_res = "90"
```

```
## Question 3
```

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

```
## Question 4
```

```
Q4_req = "select count(*) 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 = "15"
```

```
## Question 6
```

```
Q6_req = "select CLI_NOM as Nom, CLI_PRENOM as Prénom from T_CLIENT where TIT_CO  
DE='Mme.' or TIT_CODE='Melle.' order by CLI_NOM;"
```

```
## 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, CLI_PRENOM from T_CLIENT where CLI_NOM in (select CLI_  
NOM from T_CLIENT group by CLI_NOM HAVING count(*)>1) "
```

```
## Question 9
```

```
Q9_req = "select CLI_NOM, count(*) from T_CLIENT group by CLI_NOM having count(*  
)>1"
```

```
Q9_res = "BENATTAR : 2, MARTIN : 2"
```

```
## Question 10
```

```
Q10_req = "select avg(LIF_REMISE_POURCENT) AS 'moyenne pourcentage', avg (LIF_RE  
MISE_MONTANT)AS 'moyenne montant' from T_LIGNE_FACTURE"
```

```
Q10_res = "69,103"
```

```
## Question 11
```

```
Q11_req = "select max(LIF_REMISE_POURCENT) AS 'maximum pourcentage', max(LIF_RE  
MISE_MONTANT)AS 'maximum montant' from T_LIGNE_FACTURE"
```

```
Q11_res = "69,103"
```

```
## Question 12
```

```
Q12_req = "select FAC_ID as fac_id1 from T_LIGNE_FACTURE where LIF_REMISE_MONTAN  
T is NOT NULL or LIF_REMISE_POURCENT is NOT NULL"
```

```
## Question 13
```

```
Q13_req = "SELECT DISTINCT CLI_ID from T_FACTURE where FAC_ID in (select FAC_ID  
as fac_id1 from T_LIGNE_FACTURE where LIF_REMISE_MONTANT is NOT NULL or LIF_REMI  
SE_POURCENT is NOT NULL) "
```

```
## Question 14
```

```
Q14_req = "SELECT DISTINCT CLI_ID from T_FACTURE where FAC_ID not in (select FAC  
_ID as fac_id1 from T_LIGNE_FACTURE where LIF_REMISE_MONTANT is NOT NULL or LIF_  
REMISE_POURCENT is NOT NULL) "
```

Question 15

Q15_req = ""

Q15_res ="nom,prenom,montant "