

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

```
test_TP.py F...F...F.FF.F.FFFFFFFF [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.'), ...] == [('Melle.', '..
.onique'), ...]
E At index 0 diff: ('DUHAMEL', 'Evelyne', 'Melle.') != ('Melle.', 'DUHAM
EL', 'Evelyne')
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', '...-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 50 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_Q9_req _____
```

```
def test_Q9_req ():
> assert requete(sol_Q9_req) == requete(Q9_req)
E AssertionError: assert [('BENATTAR',...('MARTIN', 3)] == [(2,)]
E At index 0 diff: ('BENATTAR', 2) != (2,)
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 '(27.0, 61.0)' == '27 ET 61'
E - (27.0, 61.0)
E + 27 ET 61
```

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

```
_____ test_Q11_res _____  
  
def test_Q11_res ():  
> assert sol_Q11_res.upper() == Q11_res.upper()  
E AssertionError: assert '(27.0, 61)' == '27 ET 61'  
E - (27.0, 61)  
E + 27 ET 61
```

```
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 848 more items, first extra item: (668,)  
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,), ...), (1,), ...]  
E At index 1 diff: (2,) != (1,)  
E Right contains 1052 more items, first extra item: (10,)  
E Use -v to get the full diff
```

```
test_TP.py:146: AssertionError
```

```
_____ test_Q14_req _____  
  
def test_Q14_req ():  
> assert requete(sol_Q14_req) == requete(Q14_req)  
E assert [] == [(1,), (1,), ...), (1,), ...]  
E Right contains 1682 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', 671)" == 'NOM,PRENOM,MONTANT'  
E - ('SILLET', 'JACQUES', 671)  
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', 671)] == []  
E Left contains one more item: ('SILLET', 'Jacques', 671)  
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
===== 13 failed, 9 passed in 0.42s =====
```

```
NOM = "bonnefoy"
Prenom = "léo"
Classe = "mpsi2"
alpha="12"
```

```
## 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 = "97"
```

```
## Question 3
```

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

```
## Question 4
```

```
Q4_req = "select TIT_CODE,CLI_NOM,CLI_PRENOM 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 = "17"
```

```
## Question 6
```

```
Q6_req = "select CLI_NOM as Noms,CLI_PRENOM as Prenoms from T_CLIENT where TIT_CODE='Mme.' or TIT_CODE='Melle.' group by Noms"
```

```
## Question 7
```

```
Q7_req = "select CLI_NOM as Noms,TEL_NUMERO as nb_telephone from T_CLIENT,T_TELEPHONE where T_CLIENT.CLI_ID=T_TELEPHONE.CLI_ID"
```

```
## Question 8
```

```
Q8_req = "select CLI_NOM as Noms from T_CLIENT group by CLI_NOM having count(Noms)>1"
```

```
## Question 9
```

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

```
Q9_res = "2select avg(LIF_REMISE_POURCENT) as val_moyenne_remise , avg(LIF_REMISE_MONTANT) as val_moyenne_montant from T_LIGNE_FACTURE"
```

```
## Question 10
```

```
Q10_req = "select avg(LIF_REMISE_POURCENT) as val_moyenne_remise , avg(LIF_REMISE_MONTANT) as val_moyenne_montant from T_LIGNE_FACTURE"
```

```
Q10_res = "27 et 61"
```

```
## Question 11
```

```
Q11_req = "select max(LIF_REMISE_POURCENT) as val_max_remise , max(LIF_REMISE_MONTANT) as val_max_montant from T_LIGNE_FACTURE"
```

```
Q11_res = "27 et 61"
```

```
## Question 12
```

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

```
## Question 13
```

```
Q13_req = "select CLI_ID from T_FACTURE,(select FAC_ID as fac_id1 from T_LIGNE_FACTURE where LIF_REMISE_POURCENT<>'NULL' or LIF_REMISE_MONTANT <> 'NULL')where fac_id1=FAC_ID "
```

```
## Question 14
```

```
Q14_req = "select CLI_ID from T_FACTURE,(select FAC_ID as fac_id2 from T_LIGNE_FACTURE EXCEPT select FAC_ID as fac_id1 from T_LIGNE_FACTURE where LIF_REMISE_POURCENT<>'NULL' or LIF_REMISE_MONTANT <> 'NULL') where fac_id2=FAC_ID"
```

```
## Question 15
Q15_req = ""
Q15_res ="nom,prenom,montant"
```

