

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/script/DS_08_debono
plugins: timeout-1.3.4
timeout: 60.0s
timeout method: signal
timeout func_only: False
collected 22 items
```

```
test_TP.py .....FF.F.F...FFFFF [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 50 more items, first extra item: ('GAL', '04-90-78-10-68')
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',)] == [(2, 'M.', 'M...rnard', None)]
E         At index 0 diff: ('BENATTAR',) != (2, 'M.', 'MARTIN', 'Marc', 'Transports MARTIN & fils')
E         Right contains 3 more items, first extra item: (75, 'M.', 'MARTIN', 'Jean-Pierre', None)
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 '(20.0, 54.0)' == '20.0 54.0'
E         - (20.0, 54.0)
E         ? - - -
E         + 20.0 54.0
```

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

```
def test_Q11_res ():
>     assert sol_Q11_res.upper() == Q11_res.upper()
E     AssertionError: assert '(20.0, 54)' == '20 54'
E         - (20.0, 54)
E         + 20 54
```

```
test_TP.py:137: AssertionError
_____ test_Q14_req _____
```

```
def test_Q14_req ():
>     assert requete(sol_Q14_req) == requete(Q14_req)
E     assert [] == [(1,), (2,), ..., (6,), ...]
E         Right contains 99 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 "('MEDARD', 'JACQUES', 648)" == 'NOM,PRENOM,MONTANT'
E         - ('MEDARD', 'JACQUES', 648)
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 [('MEDARD', 'Jacques', 648)] == []
E         Left contains one more item: ('MEDARD', 'Jacques', 648)
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)" == 'NOM,PRENOM,MONTANT'
E         - ('THOMASSE', 'JEAN-CLAUDE', 20)
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 [('THOMASSE',...-Claude', 20)] == []
E         Left contains one more item: ('THOMASSE', 'Jean-Claude', 20)
E         Use -v to get the full diff
```

test_TP.py:161: AssertionError

===== 9 failed, 13 passed in 8.63s =====

```
NOM = "DEBONO"
Prenom = "Juliette"
Classe = "MPSI 2"
alpha="5"
```

```
## 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 = "99"
```

```
## 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 != 'M.'"
```

```
## Question 5
```

```
Q5_req = "SELECT COUNT(*) FROM T_CLIENT WHERE TIT_CODE != 'M.'"
```

```
Q5_res = "16"
```

```
## Question 6
```

```
Q6_req = "SELECT CLI_NOM AS 'Noms', CLI_PRENOM AS 'Prénoms' FROM T_CLIENT WHERE TIT_CODE != 'M.' ORDER BY CLI_NOM, CLI_PRENOM;"
```

```
## Question 7
```

```
Q7_req = "SELECT CLI_NOM, TEL_NUMERO FROM T_CLIENT, T_TELEPHONE WHERE T_CLIENT.CLI_ID = T_TELEPHONE.CLI_ID;"
```

```
## Question 8
```

```
Q8_req = "SELECT * FROM T_CLIENT WHERE CLI_NOM IN (SELECT CLI_NOM FROM T_CLIENT GROUP BY CLI_NOM HAVING COUNT(CLI_NOM) > 1);"
```

```
## Question 9
```

```
Q9_req = "SELECT CLI_NOM, count(CLI_NOM) FROM T_CLIENT GROUP BY CLI_NOM HAVING COUNT(CLI_NOM) > 1;"
```

```
Q9_res = "BENATTAR 2 MARTIN 3"
```

```
## Question 10
```

```
Q10_req = "SELECT AVG(LIF_REMISE_POURCENT) as 'Moyenne pourcent', AVG(LIF_REMISE_MONTANT) as 'Moyenne montant' FROM T_LIGNE_FACTURE;"
```

```
Q10_res = "20.0 54.0"
```

```
## Question 11
```

```
Q11_req = "SELECT Max(LIF_REMISE_POURCENT) as 'Max pourcent', Max(LIF_REMISE_MONTANT) as 'Max montant' FROM T_LIGNE_FACTURE;"
```

```
Q11_res = "20 54"
```

```
## Question 12
```

```
Q12_req = "SELECT DISTINCT FAC_ID AS 'fac_id1' FROM T_LIGNE_FACTURE WHERE LIF_REMISE_POURCENT NOT NULL OR LIF_REMISE_MONTANT NOT NULL;"
```

```
## Question 13
```

```
Q13_req = "SELECT DISTINCT CLI_ID FROM T_FACTURE, T_LIGNE_FACTURE WHERE LIF_REMISE_POURCENT NOT NULL OR LIF_REMISE_MONTANT NOT NULL;"
```

```
## Question 14
```

```
Q14_req = "SELECT DISTINCT CLI_ID FROM T_FACTURE, T_LIGNE_FACTURE WHERE LIF_REMISE_POURCENT IS NULL AND LIF_REMISE_MONTANT IS NULL;"
```

```
## Question 15
```

```
Q15_req = ""
```

Q15_res ="nom,prenom,montant "