

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

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

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

```
def test_Q1_req ():
> assert requete(sol_Q1_req) == requete(Q1_req)
E AssertionError: assert [('DUPONT', '...', 'M.'), ...] == [('M.', 'DUPO..
. 'Paul'), ...]
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', ..
. 'Mme.'), ...]
E At index 1 diff: ('DAUMIER', 'Amélie', 'Melle.') != ('BOYER', 'Martine
', 'Mme.')
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'), ...] == [('AIACH', '0..
.-05-37'), ...]
E At index 0 diff: ('DUPONT', '01-45-42-56-63') != ('AIACH', '04-91-52-5
1-52')
E Right contains 46 more items, first extra item: ('MOURGUES', '01-48-78
-30-69')
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',)] == [('MARTIN', '...Jean-Pierre')]
E At index 0 diff: ('MARTIN',) != ('MARTIN', 'Marc')
E Right contains 2 more items, first extra item: ('MARTIN', 'Martin')
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 '(77.0, 111.0)' == '111.0 | 77.0'
E - (77.0, 111.0)
E + 111.0 | 77.0
```

test_TP.py:131: AssertionError

test_Q10_req

```
def test_Q10_req ():
>     assert requete(sol_Q10_req) == requete(Q10_req)
E     assert [(77.0, 111.0)] == [(111.0, 77.0)]
E         At index 0 diff: (77.0, 111.0) != (111.0, 77.0)
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 '(77.0, 111)' == '111 | 77'
E         - (77.0, 111)
E         + 111 | 77
```

test_TP.py:137: AssertionError

test_Q11_req

```
def test_Q11_req ():
>     assert requete(sol_Q11_req) == requete(Q11_req)
E     assert [(77.0, 111)] == [(111, 77)]
E         At index 0 diff: (77.0, 111) != (111, 77)
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,), ...] == [(1,), (3,), ...), (2,), ...]
E         At index 1 diff: (2,) != (3,)
E         Right contains 925 more items, first extra item: (691,)
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,), ...), (7,), ...] == [(1,), (1,), ...), (6,), ...]
E         At index 1 diff: (2,) != (1,)
E         Right contains 55022 more items, first extra item: (100,)
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,), (2,), ...), (7,), ...]
E         Right contains 1329599 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', 1221)" == 'NOM,PRENOM,MONTANT'
E         - ('SILLET', 'JACQUES', 1221)
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', 1221)] == []
E         Left contains one more item: ('SILLET', 'Jacques', 1221)
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

===== 15 failed, 7 passed in 2.42s =====

MODIFICATIONS EFFECTUEES SUR LE FICHER RENDU

=====

```

--- prog.py.orig      2020-06-22 08:23:49.000000000 +0200
+++ prog.py           2020-06-24 14:56:17.000000000 +0200
@@ -56,5 +56,5 @@

```

Question 15

```

-Q15_req = "SELECT CLI_NOM as 'Nom', CLI_PRENOM as 'Prénom' FROM T_LIGNE_FACTURE
,T_CLIENT WHERE LIF_REMISE_MONTANT = (SELECT max(lif_remise_montant) FROM T_LIGN
E_FACTURE) AND LIF_REMISE_POURCENT =( SELECT max(lif_remise_pourcent) FROM T_LIG
NE_FACTURE) and T_CLIENT.CLI_ID = T_LIGNE_FACTURE.FAC_ID"
+Q15_req = "SELECT CLI_NOM as 'Nom', CLI_PRENOM as 'Prénom' FROM T_LIGNE_FACTURE
,T_CLIENT WHERE LIF_REMISE_MONTANT = (SELECT max(lif_remise_montant) FROM T_LIGN
E_FACTURE) AND LIF_REMISE_POURCENT =( SELECT max(lif_remise_pourcent) FROM T_LIG
NE_FACTURE) and T_CLIENT.CLI_ID = T_LIGNE_FACTURE.FAC_ID"
Q15_res ="nom,prenom,montant"

```

```
NOM = "Espinoza"
Prenom = "Walter"
Classe = "MPSI2"
alpha="62"
```

```
## 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 = "89"
```

```
## 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 (SELECT TIT_CODE, CLI_PRENOM from T_CLIENT WHERE TIT_CODE != 'M.')
```

```
Q5_res = "16"
```

```
## Question 6
```

```
Q6_req = "SELECT CLI_NOM as Noms, CLI_PRENOM as Prenoms from T_CLIENT WHERE TIT_CODE != 'M.' ORDER by Noms "
```

```
## Question 7
```

```
Q7_req = "SELECT CLI_NOM AS Nom, TEL_NUMERO AS Téléphone FROM T_CLIENT, T_TELEPHONE WHERE T_CLIENT.CLI_ID=T_TELEPHONE.CLI_ID ORDER BY CLI_NOM "
```

```
## Question 8
```

```
Q8_req = "SELECT T_CLIENT.CLI_NOM, T_CLIENT.CLI_PRENOM FROM T_CLIENT WHERE T_CLIENT.CLI_NOM = (SELECT T_CLIENT.CLI_NOM FROM T_CLIENT GROUP by T_CLIENT.CLI_NOM HAVING count(CLI_NOM)>1) "
```

```
## Question 9
```

```
Q9_req = "SELECT T_CLIENT.CLI_NOM, count(CLI_NOM) FROM T_CLIENT WHERE T_CLIENT.CLI_NOM = (SELECT T_CLIENT.CLI_NOM FROM T_CLIENT GROUP by T_CLIENT.CLI_NOM HAVING count(CLI_NOM)>1) "
```

```
Q9_res = "3"
```

```
## Question 10
```

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

```
Q10_res = "111.0 | 77.0"
```

```
## Question 11
```

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

```
Q11_res = "111 | 77"
```

```
## Question 12
```

```
Q12_req = "SELECT FAC_ID AS fac_id1 FROM T_LIGNE_FACTURE WHERE LIF_REMISE_MONTANT>0 OR LIF_REMISE_POURCENT>0"
```

```
## Question 13
```

```
Q13_req = "SELECT CLI_ID FROM T_LIGNE_FACTURE, T_CLIENT WHERE LIF_REMISE_MONTANT>0 OR LIF_REMISE_POURCENT>0 AND T_CLIENT.CLI_ID = T_LIGNE_FACTURE.FAC_ID"
```

```
## Question 14
```

```
Q14_req = "SELECT CLI_ID FROM T_LIGNE_FACTURE, T_CLIENT WHERE LIF_REMISE_MONTANT is NULL OR LIF_REMISE_POURCENT is NULL AND T_CLIENT.CLI_ID = T_LIGNE_FACTURE.FAC_ID"
```

_ID"

Question 15

```
Q15_req = "SELECT CLI_NOM as \"Nom\", CLI_PRENOM as \"Prénom\" FROM T_LIGNE_FACTURE,  
T_CLIENT WHERE LIF_REMISE_MONTANT = (SELECT max(lif_remise_montant) FROM T_LIGNE  
_FACTURE) AND LIF_REMISE_POURCENT =( SELECT max(lif_remise_pourcent) FROM T_LIGN  
E_FACTURE) and T_CLIENT.CLI_ID = T_LIGNE_FACTURE.FAC_ID"  
Q15_res ="nom,prenom,montant"
```