

## 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_martinal
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', '...-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 43 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',)] == [('BENATTAR',...Jean-Pierre')]
E         At index 0 diff: ('BENATTAR',) != ('BENATTAR', 'Bernard')
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))] == [('AIACH', 1)..REL', 1), ...]
E         At index 0 diff: ('BENATTAR', 2) != ('AIACH', 1)
E         Right contains 83 more items, first extra item: ('AUZENAT', 1)
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 '(104.0, 138.0)' == '104 ET 138'
E         - (104.0, 138.0)
E         + 104 ET 138
```

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

```
def test_Q11_res ():
>     assert sol_Q11_res.upper() == Q11_res.upper()
E     AssertionError: assert '(104.0, 138)' == '104 ET 138'
E         - (104.0, 138)
E         + 104 ET 138
```

```
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,), ...] == []
E Left contains 378 more items, first extra item: (1,)
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,)]
E Left contains 86 more items, first extra item: (2,)
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 "('MEDARD', 'JACQUES', 1656)" == 'NOM,PRENOM,MONTANT'
E - ('MEDARD', 'JACQUES', 1656)
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', 1656)] == []
E Left contains one more item: ('MEDARD', 'Jacques', 1656)
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

===== 11 failed, 11 passed in 0.65s =====

MODIFICATIONS EFFECTUEES SUR LE FICHER RENDU

=====

```

--- prog.py.orig      2020-06-22 08:24:13.000000000 +0200
+++ prog.py           2020-06-24 14:57:23.000000000 +0200
@@ -11,18 +11,18 @@
Q2_res = "87"

```

## Question 3

```

-Q3_req = "SELECT CLI_NOM, CLI_PRENOM FROM T_CLIENT WHERE TIT_CODE = "Mme." "
+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.""
+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_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, CLI_PRENOM ASC "
+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, CLI_PRENOM ASC "

```

```
## Question 7

```

```
@@ -36,17 +36,15 @@
Q9_res = " MARTIN : 2, BENATTAR :2"

```

```
## Question 10

```

```
-Q10_req = "SELECT AVG(LIF_REMISE_POURCENT), AVG(LIF_REMISE_MONTANT) FROM T_LIGNE_FACTURE;
- "
+Q10_req = "SELECT AVG(LIF_REMISE_POURCENT), AVG(LIF_REMISE_MONTANT) FROM T_LIGNE_FACTURE;"
Q10_res = "104 et 138"

```

```
## Question 11

```

```
-Q11_req = "SELECT MAX(LIF_REMISE_POURCENT), MAX(LIF_REMISE_MONTANT) FROM T_LIGNE_FACTURE;
- "
+Q11_req = "SELECT MAX(LIF_REMISE_POURCENT), MAX(LIF_REMISE_MONTANT) FROM T_LIGNE_FACTURE;"
Q11_res = "104 et 138"

```

```
## Question 12

```

```
-Q12_req = "SELECT FAC_ID AS "fac_id" FROM T_LIGNE_FACTURE WHERE (LIF_REMISE_MONTANT != NULL OR LIF_REMISE_POURCENT != NULL )"
+Q12_req = "SELECT FAC_ID AS 'fac_id' FROM T_LIGNE_FACTURE WHERE (LIF_REMISE_MONTANT != NULL OR LIF_REMISE_POURCENT != NULL )"

```

```
## Question 13

```

```
NOM = "MARTINAL"
Prenom = "Lucie"
Classe = "MPSI2"
alpha="89"
```

```
## 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 = "87"
```

```
## 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 ="Mm
e." OR TIT_CODE ="Melle.""
```

```
## Question 5
```

```
Q5_req = "SELECT COUNT(*) FROM T_CLIENT WHERE TIT_CODE ="Mme." OR TIT_CODE ="Mel
le.""
```

```
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, CLI_PRENOM ASC "
```

```
## Question 7
```

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

```
## Question 8
```

```
Q8_req = "SELECT CLI_NOM, CLI_PRENOM FROM T_CLIENT GROUP BY CLI_NOM HAVING COUNT
(CLI_NOM)>1 ;"
```

```
## Question 9
```

```
Q9_req = "SELECT CLI_NOM, COUNT(CLI_PRENOM) FROM T_CLIENT GROUP BY CLI_NOM"
```

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

```
## Question 10
```

```
Q10_req = "SELECT AVG(LIF_REMISE_POURCENT), AVG(LIF_REMISE_MONTANT) FROM T_LIGNE
_FACTURE;
"
```

```
Q10_res = "104 et 138"
```

```
## Question 11
```

```
Q11_req = "SELECT MAX(LIF_REMISE_POURCENT), MAX(LIF_REMISE_MONTANT) FROM T_LIGNE
_FACTURE;
"
```

```
Q11_res = "104 et 138"
```

```
## Question 12
```

```
Q12_req = "SELECT FAC_ID AS "fac_id" FROM T_LIGNE_FACTURE WHERE (LIF_REMISE_MONT
ANT != NULL OR LIF_REMISE_POURCENT != NULL )"
```

```
## Question 13
```

```
Q13_req = "SELECT CLI_ID FROM T_CLIENT WHERE T_CLIENT.CLI_ID = ( SELECT CLI_ID F
ROM T_FACTURE WHERE T_FACTURE.FAC_ID = ( SELECT FAC_ID FROM T_LIGNE_FACTURE WHER
E (LIF_REMISE_MONTANT = 138 OR LIF_REMISE_POURCENT = 104 )));"
```

```
## Question 14
```

```
Q14_req = "SELECT CLI_ID FROM T_CLIENT WHERE T_CLIENT.CLI_ID = ( SELECT CLI_ID F
ROM T_FACTURE WHERE T_FACTURE.FAC_ID = ( SELECT FAC_ID FROM T_LIGNE_FACTURE WHER
E (LIF_REMISE_MONTANT != 138 AND LIF_REMISE_POURCENT != 104 )));"
```

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