

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

```
test_TP.py ...F....FFFFFFFF.FFFFFF [100%]
```

```
===== FAILURES =====
_____ test_Q3_req _____
```

```
def test_Q3_req ():
>     assert requete(sol_Q3_req) == requete(Q3_req)
E     AssertionError: assert [('BOYER', 'M...ueline'), ...] == [('BOYER', 'M...
. 'Mme.'), ...]
E         At index 0 diff: ('BOYER', 'Martine') != ('BOYER', 'Martine', 'Mme.')
E         Use -v to get the full diff
```

```
test_TP.py:107: 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 48 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_Q8_req _____
```

```
def test_Q8_req ():
>     assert requete(sol_Q8_req) == requete(Q8_req)
E     AssertionError: assert [('BENATTAR',), ('MARTIN',)] == []
E         Left contains 2 more items, first extra item: ('BENATTAR',)
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', 3)] == [(1, 'AIACH')..
.EAUNEE'), ...]
E         At index 0 diff: ('BENATTAR', 2) != (1, 'AIACH')
E         Right contains 88 more items, first extra item: (1, 'AUZENAT')
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 '(45.0, 79.0)' == '79.0\t45.0'
E         - (45.0, 79.0)
E         + 79.0          45.0
```

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

```
_____ test_Q10_req _____
```

```

def test_Q10_req ():
>     assert requete(sol_Q10_req) == requete(Q10_req)
E     assert [(45.0, 79.0)] == [(79.0, 45.0)]
E         At index 0 diff: (45.0, 79.0) != (79.0, 45.0)
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 '(45.0, 79)' == '79\t45'
E         - (45.0, 79)
E         + 79 45

```

test_TP.py:137: AssertionError

test_Q11_req

```

def test_Q11_req ():
>     assert requete(sol_Q11_req) == requete(Q11_req)
E     assert [(45.0, 79)] == [(79, 45)]
E         At index 0 diff: (45.0, 79) != (79, 45)
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 876 more items, first extra item: (714,)
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 [] == [(5,), (6,), ...], (10,), ...]
E         Right contains 77 more items, first extra item: (5,)
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 "('BOUCHET', 'MICHEL', 790)" == 'NOM,PRENOM,MONTANT'
E         - ('BOUCHET', 'MICHEL', 790)
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 [('BOUCHET', 'Michel', 790)] == []
E         Left contains one more item: ('BOUCHET', 'Michel', 790)
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 "('LETERRIER', 'MONIQUE', 21)" == 'NOM,PRENOM,MONTANT'

```

```

E      - ('LETERRIER', 'MONIQUE', 21)
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 [('LETERRIER', 'Monique', 21)] == []
E         Left contains one more item: ('LETERRIER', 'Monique', 21)
E         Use -v to get the full diff

```

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

```
===== 14 failed, 8 passed in 0.68s =====
```

```
MODIFICATIONS EFFECTUEES SUR LE FICHER RENDU
```

```
=====
```

```
--- prog.py.orig      2020-06-22 08:23:55.000000000 +0200
```

```
+++ prog.py           2020-06-24 14:56:40.000000000 +0200
```

```
@@ -11,18 +11,18 @@
```

```
Q2_res = "93"
```

```
## Question 3
```

```
-Q3_req = "SELECT CLI_NOM,CLI_PRENOM,TIT_CODE FROM T_CLIENT WHERE TIT_CODE='Mme.'"
"
```

```
+Q3_req = "SELECT CLI_NOM,CLI_PRENOM,TIT_CODE 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 Noms, Prénoms"
```

```
+Q6_req = "SELECT CLI_NOM AS Noms, CLI_PRENOM AS Prénoms FROM T_CLIENT WHERE TIT_CODE='Mme.'"
" OR TIT_CODE='Melle.'" ORDER BY Noms, Prénoms"
```

```
## Question 7
```

```
@@ -44,14 +44,14 @@
```

```
Q11_res = "79 45"
```

```
## Question 12
```

```
-Q12_req = "SELECT FAC_ID AS fac_id1 FROM T_LIGNE_FACTURE WHERE LIF_REMISE_POURCENT != 'NULL'
" OR LIF_REMISE_MONTANT IS NOT NULL"
```

```
+Q12_req = "SELECT FAC_ID AS fac_id1 FROM T_LIGNE_FACTURE WHERE LIF_REMISE_POURCENT != 'NULL'
" OR LIF_REMISE_MONTANT IS NOT NULL"
```

```
## Question 13
```

```
Q13_req = "SELECT DISTINCT T_FACTURE.CLI_ID FROM T_LIGNE_FACTURE, T_FACTURE WHERE (LIF_REMISE_POURCENT IS NOT NULL OR LIF_REMISE_MONTANT IS NOT NULL) AND T_LIGNE_FACTURE.FAC_ID= T_FACTURE.FAC_ID;"
```

```
## Question 14
```

```
-Q14_req = "SELECT CLI_ID FROM T_CLIENT EXCEPT SELECT CLI_ID FROM T_LIGNE_FACTURE"
```

```
E, T_CLIENT WHERE (LIF_REMISE_POURCENT != "NULL" OR LIF_REMISE_MONTANT != "NULL"
) AND T_LIGNE_FACTURE.LIF_ID= T_CLIENT.CLI_ID"
+Q14_req = "SELECT CLI_ID FROM T_CLIENT EXCEPT SELECT CLI_ID FROM T_LIGNE_FACTUR
E, T_CLIENT WHERE (LIF_REMISE_POURCENT != 'NULL' OR LIF_REMISE_MONTANT != 'NULL'
) AND T_LIGNE_FACTURE.LIF_ID= T_CLIENT.CLI_ID"
```

Question 15

```
NOM = "GRAS"
Prenom = "Romain"
Classe = "MPSI2"
alpha="30"
```

```
## 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 = "93"
```

```
## Question 3
```

```
Q3_req = "SELECT CLI_NOM, CLI_PRENOM, TIT_CODE 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.'"
```

```
## Question 5
```

```
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 Noms, Prénoms"
```

```
## Question 7
```

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

```
## Question 8
```

```
Q8_req = ""
```

```
## Question 9
```

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

```
Q9_res = ""
```

```
## Question 10
```

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

```
Q10_res = "79.0 45.0"
```

```
## Question 11
```

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

```
Q11_res = "79 45"
```

```
## Question 12
```

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

```
## Question 13
```

```
Q13_req = "SELECT DISTINCT T_FACTURE.CLI_ID FROM T_LIGNE_FACTURE, T_FACTURE WHERE (LIF_REMISE_POURCENT IS NOT NULL OR LIF_REMISE_MONTANT IS NOT NULL) AND T_LIGNE_FACTURE.FAC_ID= T_FACTURE.FAC_ID;"
```

```
## Question 14
```

```
Q14_req = "SELECT CLI_ID FROM T_CLIENT EXCEPT SELECT CLI_ID FROM T_LIGNE_FACTURE, T_CLIENT WHERE (LIF_REMISE_POURCENT != 'NULL' OR LIF_REMISE_MONTANT != 'NULL') AND T_LIGNE_FACTURE.LIF_ID= T_CLIENT.CLI_ID"
```

Question 15

Q15_req = ""

Q15_res ="nom,prenom,montant"