

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

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

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

```
def test_Q1_req ():
> assert requete(sol_Q1_req) == requete(Q1_req)
E AssertionError: assert [('MARTIN', '...', 'M.'), ...] == [('M.', 'MART..
. 'Paul'), ...]
E At index 0 diff: ('MARTIN', 'Marc', 'M.') != ('M.', 'MARTIN', 'Marc')
E Use -v to get the full diff
```

```
test_TP.py:98: AssertionError
_____ test_Q7_req _____
```

```
def test_Q7_req ():
> assert requete(sol_Q7_req) == requete(Q7_req)
E AssertionError: assert [('DUBOIS', '...-87-87'), ...] == [('BOUVIER', ..
.-92-21'), ...]
E At index 0 diff: ('DUBOIS', '02-41-58-89-52') != ('BOUVIER', '06-11-86
-78-89')
E Right contains 43 more items, first extra item: ('CHAMBON', '05-59-03-
54-51')
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',...
, 'Bernard')]
E At index 0 diff: ('BENATTAR',) != ('BENATTAR', 'Pierre')
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)] == [('BENATTAR', 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 '(84.0, 118.0)' == '84.0, 118.0'
E - (84.0, 118.0)
E ? - -
E + 84.0, 118.0
```

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

test\_Q11\_res

```

def test_Q11_res ():
>     assert sol_Q11_res.upper() == Q11_res.upper()
E     AssertionError: assert '(84.0, 118)' == '84, 118'
E         - (84.0, 118)
E         ? - -- -
E         + 84, 118

```

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,), ...] == [(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 [(2,), (3,), ...), (7,), ...] == []
E         Left contains 90 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', 1416)" == 'NOM,PRENOM,MONTANT'
E         - ('MEDARD', 'JACQUES', 1416)
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', 1416)] == []
E         Left contains one more item: ('MEDARD', 'Jacques', 1416)
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

```

===== 12 failed, 10 passed in 2.76s =====

```

MODIFICATIONS EFFECTUEES SUR LE FICHER RENDU

```
=====
--- prog.py.orig      2020-06-22 08:23:51.000000000 +0200
+++ prog.py           2020-06-24 14:56:22.000000000 +0200
@@ -11,18 +11,18 @@
  Q2_res = "90"

  ## 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(CLI_ID) FROM T_CLIENT WHERE TIT_CODE = "Mme." OR TIT_COD
E = "Melle.""
+Q5_req = "SELECT count(CLI_ID) FROM T_CLIENT WHERE TIT_CODE = 'Mme.'" OR TIT_COD
E = 'Melle.'"
  Q5_res = "15"

  ## 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
```

```
NOM = "FAURE"
Prenom = "Benoit"
Classe = "MPSI2"
alpha="69"
```

```
## Question 1
```

```
Q1_req = "SELECT TIT_CODE, CLI_NOM, CLI_PRENOM FROM T_CLIENT"
```

```
## Question 2
```

```
Q2_req = "SELECT count(CLI_ID) FROM T_CLIENT"
```

```
Q2_res = "90"
```

```
## 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 = "Mme." OR TIT_CODE = "Melle.""
```

```
## Question 5
```

```
Q5_req = "SELECT count(CLI_ID) FROM T_CLIENT WHERE TIT_CODE = "Mme." OR TIT_CODE = "Melle.""
```

```
Q5_res = "15"
```

```
## 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.CLI_ID = T_TELEPHONE.CLI_ID"
```

```
## Question 8
```

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

```
Q9_res = "2"
```

```
## Question 10
```

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

```
Q10_res = "84.0, 118.0"
```

```
## Question 11
```

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

```
Q11_res = "84, 118"
```

```
## Question 12
```

```
Q12_req = "SELECT FAC_ID as fac_id1 FROM T_LIGNE_FACTURE WHERE LIF_REMISE_MONTANT IS NOT NULL or LIF_REMISE_POURCENT IS NOT NULL"
```

```
## Question 13
```

```
Q13_req = "SELECT CLI_ID FROM T_FACTURE WHERE FAC_ID = (SELECT FAC_ID FROM T_LIGNE_FACTURE WHERE LIF_REMISE_MONTANT IS NOT NULL or LIF_REMISE_POURCENT IS NOT NULL) GROUP BY CLI_ID"
```

```
## Question 14
```

```
Q14_req = "SELECT CLI_ID FROM T_FACTURE WHERE FAC_ID = (SELECT FAC_ID FROM T_LIGNE_FACTURE WHERE LIF_REMISE_MONTANT IS NULL or LIF_REMISE_POURCENT IS NULL) GROUP BY CLI_ID"
```

## Question 15

Q15\_req = ""

Q15\_res ="nom,prenom,montant"