

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

```
test_TP.py FF..F...FF.F.F.F..FFFF [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_Q2_res _____
```

```
def test_Q2_res ():
> assert sol_Q2_res.upper() == Q2_res.upper()
E AssertionError: assert '93' == '9'
E - 93
E + 9
```

```
test_TP.py:101: AssertionError
```

```
_____ test_Q4_req _____
```

```
def test_Q4_req ():
> assert requete(sol_Q4_req) == requete(Q4_req)
E AssertionError: assert [('DUHAMEL', ... 'Mme.'), ...] == [('Melle.', '..
.onique'), ...]
E At index 0 diff: ('DUHAMEL', 'Evelyne', 'Melle.') != ('Melle.', 'DUHAM
EL', 'Evelyne')
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', '...-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 49 more items, first extra item: ('GAL', '04-90-78-10-6
8')
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', 'Martin')
E Right contains one more item: ('MARTIN', 'Jean-Pierre')
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 '(52.0, 86.0)' == 'REMIS 52, MONTANT 86'
E - (52.0, 86.0)
E + REMIS 52, MONTANT 86
```

test_TP.py:131: AssertionError

test_Q11_res

```
def test_Q11_res ():
> assert sol_Q11_res.upper() == Q11_res.upper()
E AssertionError: assert '(52.0, 86)' == 'REMIS 52, MONTANT 86'
E - (52.0, 86)
E + REMIS 52, MONTANT 86
```

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 894 more items, first extra item: (712,)
E Use -v to get the full diff
```

test_TP.py:143: AssertionError

test_Q15_res

```
def test_Q15_res ():
> assert sol_Q15_res.upper() == Q15_res.upper()
E assert "('DUQUESNAY'...CQUES', 1032)" == 'GARREAU,PAUL,MONTANT'
E - ('DUQUESNAY', 'JACQUES', 1032)
E + GARREAU,PAUL,MONTANT
```

test_TP.py:152: AssertionError

test_Q15_req

```
def test_Q15_req ():
> assert requete(sol_Q15_req) == requete(Q15_req)
E AssertionError: assert [('DUQUESNAY'...cques', 1032)] == []
E Left contains one more item: ('DUQUESNAY', 'Jacques', 1032)
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)" == 'GARREAU,PAUL,MONTANT'
E - ('GARREAU', 'PAUL', 22)
E + GARREAU,PAUL,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 0.81s =====

MODIFICATIONS EFFECTUEES SUR LE FICHER RENDU

```
=====
--- prog.py.orig      2020-06-22 08:23:57.000000000 +0200
+++ prog.py           2020-06-24 14:56:43.000000000 +0200
@@ -8,28 +8,25 @@

## Question 2
Q2_req = "SELECT COUNT(*) FROM T_CLIENT"
-Q2_res = "9"
+Q2_res = "9"

## Question 3
Q3_req = "SELECT CLI_NOM, CLI_PRENOM FROM T_CLIENT WHERE TIT_CODE='Mme.'"

## Question 4
-Q4_req = "SELECT TIT_CODE, CLI_NOM,CLI_PRENOM FROM T_CLIENT WHERE
-TIT_CODE='Mme.' OR TIT_CODE='Melle.'"
+Q4_req = "SELECT TIT_CODE, CLI_NOM,CLI_PRENOM 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 = "17"

## Question 6
-Q6_req = "SELECT CLI_NOM, CLI_PRENOM FROM T_CLIENT WHERE TIT_CODE='Mme.' OR TIT_CODE='Melle.' ORDER BY CLI_NOM,CLI_PRENOM ASC"
+Q6_req = "SELECT CLI_NOM, CLI_PRENOM FROM T_CLIENT WHERE TIT_CODE='Mme.' OR TIT_CODE='Melle.' ORDER BY CLI_NOM,CLI_PRENOM ASC"

## Question 7
-Q7_req = "SELECT CLI_NOM, TEL_NUMERO
-FROM T_CLIENT JOIN T_TELEPHONE ON T_CLIENT.CLI_ID=T_TELEPHONE.CLI_ID"
+Q7_req = "SELECT CLI_NOM, TEL_NUMERO FROM T_CLIENT JOIN T_TELEPHONE ON T_CLIENT.CLI_ID=T_TELEPHONE.CLI_ID"

## Question 8
Q8_req = "SELECT CLI_NOM,CLI_PRENOM FROM T_CLIENT JOIN(SELECT CLI_NOM as nom,COUNT(CLI_NOM) as nbnom FROM T_CLIENT GROUP BY CLI_NOM)ON T_CLIENT.CLI_NOM=nom WHERE nbnom>1"
@@ -39,13 +36,11 @@
Q9_res = "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 = "remis 52, montant 86"

## 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 = "remis 52, montant 86"

## Question 12
@@ -53,8 +48,7 @@

## Question 13
-Q13_req = "SELECT DISTINCT CLI_ID FROM T_FACTURE JOIN (SELECT FAC_ID as fac_id1
```

```
FROM T_LIGNE_FACTURE WHERE LIF_REMISE_MONTANT NOT NULL OR LIF_REMISE_POURCENT N
OT NULL)
-ON T_FACTURE.FAC_ID=fac_id1"
+Q13_req = "SELECT DISTINCT CLI_ID FROM T_FACTURE JOIN (SELECT FAC_ID as fac_id1
FROM T_LIGNE_FACTURE WHERE LIF_REMISE_MONTANT NOT NULL OR LIF_REMISE_POURCENT N
OT NULL) ON T_FACTURE.FAC_ID=fac_id1"

## Question 14
Q14_req = "SELECT CLI_ID FROM T_CLIENT EXCEPT SELECT DISTINCT CLI_ID FROM T_FAC
TURE JOIN (SELECT FAC_ID as fac_id1 FROM T_LIGNE_FACTURE WHERE LIF_REMISE_MONTAN
T NOT NULL OR LIF_REMISE_POURCENT NOT NULL) ON T_FACTURE.FAC_ID=fac_id1"
```

```
NOM = "GREA"
Prenom = "Mattéo"
Classe = "MPSI2"
alpha="37"
```

```
## 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 = "9"
```

```
## Question 3
```

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

```
## Question 4
```

```
Q4_req = "SELECT TIT_CODE, CLI_NOM, CLI_PRENOM 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 = "17"
```

```
## Question 6
```

```
Q6_req = "SELECT CLI_NOM, CLI_PRENOM FROM T_CLIENT WHERE TIT_CODE='Mme.' OR TIT_
CODE='Melle.' ORDER BY CLI_NOM, CLI_PRENOM ASC"
```

```
## Question 7
```

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

```
## Question 8
```

```
Q8_req = "SELECT CLI_NOM, CLI_PRENOM FROM T_CLIENT JOIN (SELECT CLI_NOM as nom, COU
NT(CLI_NOM) as nbnom FROM T_CLIENT GROUP BY CLI_NOM) ON T_CLIENT.CLI_NOM=nom WHE
RE nbnom>1"
```

```
## Question 9
```

```
Q9_req = "SELECT CLI_NOM, nbnom FROM (SELECT CLI_NOM, COUNT(CLI_NOM) as nbnom FROM
T_CLIENT GROUP BY CLI_NOM) WHERE nbnom>1"
```

```
Q9_res = "2"
```

```
## Question 10
```

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

```
Q10_res = "remis 52, montant 86"
```

```
## Question 11
```

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

```
Q11_res = "remis 52, montant 86"
```

```
## Question 12
```

```
Q12_req = "SELECT FAC_ID as fac_id1 FROM T_LIGNE_FACTURE WHERE LIF_REMISE_MONTAN
T NOT NULL OR LIF_REMISE_POURCENT NOT NULL"
```

```
## Question 13
```

```
Q13_req = "SELECT DISTINCT CLI_ID FROM T_FACTURE JOIN (SELECT FAC_ID as fac_id1
FROM T_LIGNE_FACTURE WHERE LIF_REMISE_MONTANT NOT NULL OR LIF_REMISE_POURCENT NO
T NULL)
ON T_FACTURE.FAC_ID=fac_id1"
```

```
## Question 14
```

```
Q14_req = "SELECT CLI_ID FROM T_CLIENT EXCEPT SELECT DISTINCT CLI_ID FROM T_FACT
URE JOIN (SELECT FAC_ID as fac_id1 FROM T_LIGNE_FACTURE WHERE LIF_REMISE_MONTANT
```

NOT NULL OR LIF_REMISE_POURCENT NOT NULL) ON T_FACTURE.FAC_ID=fac_id1"

Question 15

Q15_req = ""

Q15_res ="GARREAU,Paul,montant"