

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/scr
ipt/DS_08_clausse
plugins: timeout-1.3.4
timeout: 60.0s
timeout method: signal
timeout func_only: False
collected 22 items
```

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

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

```
def test_Q1_req ():
> assert requete(sol_Q1_req) == requete(Q1_req)
E       AssertionError: assert [('DUPONT', '...Melle.'], ...] == [('DUPONT', '...
.iselle'), ...]
E       At index 0 diff: ('DUPONT', 'Alain', 'M.') != ('DUPONT', 'Alain', 'Mon
sieur')
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', ..
.Madame'), ...]
E       At index 0 diff: ('DUHAMEL', 'Evelyne', 'Melle.') != ('DUHAMEL', 'Evel
yne', 'Mademoiselle')
E       Use -v to get the full diff
```

```
test_TP.py:110: AssertionError
```

```
_____ test_Q6_req _____
```

```
def test_Q6_req ():
> assert requete(sol_Q6_req) == requete(Q6_req)
```

```
test_TP.py:119:
```

```
-----
req = "SELECT T_CLIENT.CLI_NOM as Noms, T_CLIENT.CLI_PRENOM as Prénoms FROM T_CL
IENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITRE.TIT_CODE WHERE T_TITRE.TIT_LIBE
LLE = Madame' or T_TITRE.TIT_LIBELLE = 'Mademoiselle' ORDER BY Noms ASC, Prénoms
ASC"
```

```
def requete (req):
    conn = sqlite3.connect('../..bdd/hotel_'+convert(alpha)+' .db')
    c=conn.cursor()
> c.execute(req)
E       sqlite3.OperationalError: near "" or T_TITRE.TIT_LIBELLE = "": syntax er
ror
```

```
test_TP.py:25: OperationalError
```

```
_____ 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 0 diff: ('DUPONT', '01-45-42-56-63') != ('DUPONT', 'Alain', '
01-45-42-56-63')
E       Right contains 49 more items, first extra item: ('GAL', 'Fabrice', '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',)] == []
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', 2))] == []
E Left contains 2 more items, first extra item: ('BENATTAR', 2)
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 '(56.0, 90.0)' == '56% ET 90'
E - (56.0, 90.0)
E + 56% ET 90
```

test_TP.py:131: AssertionError

test_Q11_res

```
def test_Q11_res():
> assert sol_Q11_res.upper() == Q11_res.upper()
E AssertionError: assert '(56.0, 90)' == '56% ET 90'
E - (56.0, 90)
E + 56% ET 90
```

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 897 more items, first extra item: (690,)
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 [] == [(1,), (3,), ...), (8,), ...]
E Right contains 93 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 "('MEDARD', 'JACQUES', 1080)" == 'FAYOLLE,OLIVIER,MONTANT'
E - ('MEDARD', 'JACQUES', 1080)
E + FAYOLLE,OLIVIER,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', 1080)] == [(18, 192)]
E         At index 0 diff: ('MEDARD', 'Jacques', 1080) != (18, 192)
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)" == 'FAYOLLE,OLIVIER,MONTANT'
E         - ('LETERRIER', 'MONIQUE', 21)
E         + FAYOLLE,OLIVIER,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)] == [(18, 192)]
E         At index 0 diff: ('LETERRIER', 'Monique', 21) != (18, 192)
E         Use -v to get the full diff

```

test_TP.py:161: AssertionError

===== 14 failed, 8 passed in 0.38s =====

MODIFICATIONS EFFECTUEES SUR LE FICHER RENDU

=====

```

--- prog.py.orig      2020-06-22 08:23:39.000000000 +0200
+++ prog.py           2020-06-24 14:56:00.000000000 +0200
@@ -11,18 +11,18 @@
 Q2_res = "93"

```

Question 3

```

-Q3_req = "SELECT T_CLIENT.CLI_NOM as nom, T_CLIENT.CLI_PRENOM as prenom FROM T_
CLIENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITRE.TIT_CODE WHERE T_TITRE.TIT_L
IBELLE = "Madame""
+Q3_req = "SELECT T_CLIENT.CLI_NOM as nom, T_CLIENT.CLI_PRENOM as prenom FROM T_
CLIENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITRE.TIT_CODE WHERE T_TITRE.TIT_L
IBELLE = 'Madame'"

```

Question 4

```

-Q4_req = "SELECT T_CLIENT.CLI_NOM as nom, T_CLIENT.CLI_PRENOM as prenom, T_TITR
E.TIT_LIBELLE as titre FROM T_CLIENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITR
E.TIT_CODE WHERE T_TITRE.TIT_LIBELLE = "Madame" or T_TITRE.TIT_LIBELLE = "Mademo
iselle""
+Q4_req = "SELECT T_CLIENT.CLI_NOM as nom, T_CLIENT.CLI_PRENOM as prenom, T_TITR
E.TIT_LIBELLE as titre FROM T_CLIENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITR
E.TIT_CODE WHERE T_TITRE.TIT_LIBELLE = 'Madame' or T_TITRE.TIT_LIBELLE = 'Mademo
iselle'"

```

Question 5

```

-Q5_req = "SELECT count (*) as nb_client FROM T_CLIENT JOIN T_TITRE ON T_CLIENT
.TIT_CODE = T_TITRE.TIT_CODE WHERE T_TITRE.TIT_LIBELLE = "Madame" or T_TITRE.TIT
_LIBELLE = "Mademoiselle""
+Q5_req = "SELECT count (*) as nb_client FROM T_CLIENT JOIN T_TITRE ON T_CLIENT
.TIT_CODE = T_TITRE.TIT_CODE WHERE T_TITRE.TIT_LIBELLE = 'Madame' or T_TITRE.TIT
_LIBELLE = 'Mademoiselle'"
Q5_res = "16"

```

Question 6

```

-Q6_req = "SELECT T_CLIENT.CLI_NOM as Noms, T_CLIENT.CLI_PRENOM as Prénoms FROM
T_CLIENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITRE.TIT_CODE WHERE T_TITRE.TIT
LIBELLE = "Madame" or T_TITRE.TIT_LIBELLE = "Mademoiselle" ORDER BY Noms ASC, Pr

```

énoms ASC"

```
+Q6_req = "SELECT T_CLIENT.CLI_NOM as Noms, T_CLIENT.CLI_PRENOM as Prénoms FROM
T_CLIENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITRE.TIT_CODE WHERE T_TITRE.TIT_
LIBELLE = Madame' or T_TITRE.TIT_LIBELLE = 'Mademoiselle' ORDER BY Noms ASC, Pré
noms ASC"
```

Question 7

@@ -44,22 +44,20 @@

Q11_res = "56% et 90"

Question 12

```
-Q12_req = "SELECT T_LIGNE_FACTURE.FAC_ID as fac_id1 FROM T_LIGNE_FACTURE WHERE
T_LIGNE_FACTURE.LIF_REMISE_MONTANT > 0 or T_LIGNE_FACTURE.LIF_REMISE_POURCENT >
0
-"
```

```
+Q12_req = "SELECT T_LIGNE_FACTURE.FAC_ID as fac_id1 FROM T_LIGNE_FACTURE WHERE
T_LIGNE_FACTURE.LIF_REMISE_MONTANT > 0 or T_LIGNE_FACTURE.LIF_REMISE_POURCENT >
0"
```

Question 13

```
-Q13_req = "SELECT DISTINCT T_FACTURE.CLI_ID FROM T_LIGNE_FACTURE JOIN T_FACTURE
ON T_LIGNE_FACTURE.FAC_ID = T_FACTURE.FAC_ID WHERE T_LIGNE_FACTURE.LIF_REMISE_M
ONTANT > 0 or T_LIGNE_FACTURE.LIF_REMISE_POURCENT > 0
-"
```

```
+Q13_req = "SELECT DISTINCT T_FACTURE.CLI_ID FROM T_LIGNE_FACTURE JOIN T_FACTURE
ON T_LIGNE_FACTURE.FAC_ID = T_FACTURE.FAC_ID WHERE T_LIGNE_FACTURE.LIF_REMISE_M
ONTANT > 0 or T_LIGNE_FACTURE.LIF_REMISE_POURCENT > 0"
```

Question 14

```
Q14_req = "SELECT DISTINCT T_FACTURE.CLI_ID FROM T_LIGNE_FACTURE JOIN T_FACTURE
ON T_LIGNE_FACTURE.FAC_ID = T_FACTURE.FAC_ID WHERE T_LIGNE_FACTURE.LIF_REMISE_M
ONTANT is NULL AND T_LIGNE_FACTURE.LIF_REMISE_POURCENT is NULL"
```

Question 15

```
-Q15_req = "SELECT T_FACTURE.CLI_ID, count (*) as nb FROM T_LIGNE_FACTURE, T_FAC
TURE WHERE T_LIGNE_FACTURE.FAC_ID = T_FACTURE.FAC_ID GROUP BY T_FACTURE.CLI_ID O
RDER BY nb DESC LIMIT 1
```

```
+Q15_req = "SELECT T_FACTURE.CLI_ID, count (*) as nb FROM T_LIGNE_FACTURE, T_FAC
TURE WHERE T_LIGNE_FACTURE.FAC_ID = T_FACTURE.FAC_ID GROUP BY T_FACTURE.CLI_ID O
RDER BY nb DESC LIMIT 1"
```

```
-SELECT T_CLIENT.CLI_NOM, T_CLIENT.CLI_PRENOM FROM T_CLIENT WHERE T_CLIENT.CLI_I
D = 18
```

```
+# SELECT T_CLIENT.CLI_NOM, T_CLIENT.CLI_PRENOM FROM T_CLIENT WHERE T_CLIENT.CLI
_ID = 18
```

```
-SELECT SUM( T_LIGNE_FACTURE.LIF_REMISE_MONTANT) FROM T_LIGNE_FACTURE WHERE T_LI
GNE_FACTURE.FAC_ID = (SELECT T_FACTURE.FAC_ID FROM T_FACTURE WHERE T_FACTURE.CLI
_ID = 18 ) "
```

```
+#SELECT SUM( T_LIGNE_FACTURE.LIF_REMISE_MONTANT) FROM T_LIGNE_FACTURE WHERE T_L
IGNE_FACTURE.FAC_ID = (SELECT T_FACTURE.FAC_ID FROM T_FACTURE WHERE T_FACTURE.CL
I_ID = 18 ) "
```

Q15_res = "fayolle,olivier,montant"

```
NOM = "CLAUSSE"  
Prenom = "Agathe"  
Classe = "MPSI2"  
alpha="41"
```

```
## Question 1
```

```
Q1_req = "SELECT T_CLIENT.CLI_NOM as nom, T_CLIENT.CLI_PRENOM as prenom, T_TITRE  
.TIT_LIBELLE as titre FROM T_CLIENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITRE.  
TIT_CODE "
```

```
## Question 2
```

```
Q2_req = "SELECT COUNT (*) as nb_client FROM T_CLIENT"  
Q2_res = "93"
```

```
## Question 3
```

```
Q3_req = "SELECT T_CLIENT.CLI_NOM as nom, T_CLIENT.CLI_PRENOM as prenom FROM T_C  
LIENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITRE.TIT_CODE WHERE T_TITRE.TIT_LI  
BELLE = "Madame""
```

```
## Question 4
```

```
Q4_req = "SELECT T_CLIENT.CLI_NOM as nom, T_CLIENT.CLI_PRENOM as prenom, T_TITRE  
.TIT_LIBELLE as titre FROM T_CLIENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITRE  
.TIT_CODE WHERE T_TITRE.TIT_LIBELLE = "Madame" or T_TITRE.TIT_LIBELLE = "Madem  
oiselle""
```

```
## Question 5
```

```
Q5_req = "SELECT count (*) as nb_client FROM T_CLIENT JOIN T_TITRE ON T_CLIENT.  
TIT_CODE = T_TITRE.TIT_CODE WHERE T_TITRE.TIT_LIBELLE = "Madame" or T_TITRE.TIT  
LIBELLE = "Mademoiselle"  
Q5_res = "16"
```

```
## Question 6
```

```
Q6_req = "SELECT T_CLIENT.CLI_NOM as Noms, T_CLIENT.CLI_PRENOM as Prénoms FROM T  
_CLIENT JOIN T_TITRE ON T_CLIENT.TIT_CODE = T_TITRE.TIT_CODE WHERE T_TITRE.TIT_L  
IBELLE = "Madame" or T_TITRE.TIT_LIBELLE = "Mademoiselle" ORDER BY Noms ASC, Pré  
noms ASC"
```

```
## Question 7
```

```
Q7_req = "SELECT T_CLIENT.CLI_NOM as nom, T_CLIENT.CLI_PRENOM as prenom, T_TELEP  
HONE.TEL_NUMERO as numéro FROM T_CLIENT JOIN T_TELEPHONE ON T_CLIENT.CLI_ID = T_  
TELEPHONE.CLI_ID"
```

```
## Question 8
```

```
Q8_req = ""
```

```
## Question 9
```

```
Q9_req = ""  
Q9_res = ""
```

```
## Question 10
```

```
Q10_req = "SELECT AVG(T_LIGNE_FACTURE.LIF_REMISE_POURCENT) as pourcent, AVG(T_LI  
GNE_FACTURE.LIF_REMISE_MONTANT) as montant FROM T_LIGNE_FACTURE"  
Q10_res = "56% et 90"
```

```
## Question 11
```

```
Q11_req = "SELECT max(T_LIGNE_FACTURE.LIF_REMISE_POURCENT) as pourcent, max(T_LI  
GNE_FACTURE.LIF_REMISE_MONTANT) as montant FROM T_LIGNE_FACTURE"  
Q11_res = "56% et 90"
```

```
## Question 12
```

```
Q12_req = "SELECT T_LIGNE_FACTURE.FAC_ID as fac_id1 FROM T_LIGNE_FACTURE WHERE T  
_LIGNE_FACTURE.LIF_REMISE_MONTANT > 0 or T_LIGNE_FACTURE.LIF_REMISE_POURCENT > 0  
"
```

```
## Question 13
```

```
Q13_req = "SELECT DISTINCT T_FACTURE.CLI_ID FROM T_LIGNE_FACTURE JOIN T_FACTURE
ON T_LIGNE_FACTURE.FAC_ID = T_FACTURE.FAC_ID WHERE T_LIGNE_FACTURE.LIF_REMISE_MO
NTANT > 0 or T_LIGNE_FACTURE.LIF_REMISE_POURCENT > 0
"
```

Question 14

```
Q14_req = "SELECT DISTINCT T_FACTURE.CLI_ID FROM T_LIGNE_FACTURE JOIN T_FACTURE
ON T_LIGNE_FACTURE.FAC_ID = T_FACTURE.FAC_ID WHERE T_LIGNE_FACTURE.LIF_REMISE_MO
NTANT is NULL AND T_LIGNE_FACTURE.LIF_REMISE_POURCENT is NULL"
```

Question 15

```
Q15_req = "SELECT T_FACTURE.CLI_ID, count (*) as nb FROM T_LIGNE_FACTURE, T_FACT
URE WHERE T_LIGNE_FACTURE.FAC_ID = T_FACTURE.FAC_ID GROUP BY T_FACTURE.CLI_ID OR
DER BY nb DESC LIMIT 1
```

```
SELECT T_CLIENT.CLI_NOM, T_CLIENT.CLI_PRENOM FROM T_CLIENT WHERE T_CLIENT.CLI_ID
= 18
```

```
SELECT SUM( T_LIGNE_FACTURE.LIF_REMISE_MONTANT) FROM T_LIGNE_FACTURE WHERE T_LIG
NE_FACTURE.FAC_ID = (SELECT T_FACTURE.FAC_ID FROM T_FACTURE WHERE T_FACTURE.CLI_
ID = 18 )"
```

```
Q15_res ="fayolle,olivier,montant"
```