

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

```
test_TP.py .....FFF.F.F.F..FFF. [100%]
```

```
===== FAILURES =====
_____ test_Q6_req _____
```

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

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

```
-----
req = "SELECT CLI_NOM as Noms, CLI_PRENOM as Prénoms from (SELECT CLI_NOM, CLI_P
RENOM, TIT_CODE from T_CLIENT where TIT_CODE='Mme. or TIT_CODE='Melle.') order b
y CLI_NOM ASC;"
```

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

```
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 2 diff: ('DUBOIS', '02-41-58-89-52') != ('DUPONT', '01-44-28-
52-50')
E             Right contains 51 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 [('BENATTAR',), ('MARTIN',)] == [('BENATTAR',...n
-Pierre', 3)]
E             At index 0 diff: ('BENATTAR',) != ('BENATTAR', 'Bernard', 2)
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 '(24.0, 58.0)' == 'POURCENT : 24, MONTANT : 58'
E             - (24.0, 58.0)
E             + POURCENT : 24, MONTANT : 58
```

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

```
_____ test_Q11_res _____
```

```

def test_Q11_res ():
> assert sol_Q11_res.upper() == Q11_res.upper()
E AssertionError: assert '(24.0, 58)' == 'POURCENT : 24, MONTANT : 58'
E - (24.0, 58)
E + POURCENT : 24, MONTANT : 58

```

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 848 more items, first extra item: (668,)
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 "('MEDARD', 'JACQUES', 696)" == 'NOM: THOMASS...,MONTANT : 20'
E - ('MEDARD', 'JACQUES', 696)
E + NOM: THOMASSE,PRENOM:JEAN-CLAUDE,MONTANT : 20

```

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', 696)] == [('THOMASSE', ...-
Claude', 20)]
E At index 0 diff: ('MEDARD', 'Jacques', 696) != ('THOMASSE', 'Jean-Clau
de', 20)
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 "('THOMASSE', ...-CLAUDE', 20)" == 'NOM: THOMASS...,MONTANT : 20'
E - ('THOMASSE', 'JEAN-CLAUDE', 20)
E + NOM: THOMASSE,PRENOM:JEAN-CLAUDE,MONTANT : 20

```

test_TP.py:158: AssertionError

===== 9 failed, 13 passed in 0.34s =====

MODIFICATIONS EFFECTUEES SUR LE FICHER RENDU

=====

```

--- prog.py.orig      2020-06-22 08:23:35.000000000 +0200
+++ prog.py           2020-06-24 14:55:54.000000000 +0200
@@ -11,25 +11,22 @@
Q2_res = "98"

```

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='Mm
e.'" or TIT_CODE='Melle.';"
+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(*) as nbclie from (SELECT CLI_NOM, CLI_PRENOM, TIT_CODE
from T_CLIENT where TIT_CODE='Mme.' or TIT_CODE='Melle.');"
+Q5_req = "SELECT count(*) as nbclie from (SELECT CLI_NOM, CLI_PRENOM, TIT_CODE
from T_CLIENT where TIT_CODE='Mme.' or TIT_CODE='Melle.');"
Q5_res = "17"

## Question 6
-Q6_req = "SELECT CLI_NOM as Noms, CLI_PRENOM as Prénoms from
-(SELECT CLI_NOM, CLI_PRENOM, TIT_CODE from T_CLIENT where TIT_CODE='Mme.' or TI
T_CODE='Melle.')"
-order by CLI_NOM ASC;"
+Q6_req = "SELECT CLI_NOM as Noms, CLI_PRENOM as Prénoms from (SELECT CLI_NOM, C
LI_PRENOM, TIT_CODE from T_CLIENT where TIT_CODE='Mme.' or TIT_CODE='Melle.')" ord
er by CLI_NOM 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, count(*) from T_CLIENT group by CLI_NOM h
aving count(CLI_NOM)>1;"
@@ -44,28 +41,19 @@

## Question 11
Q11_req = "SELECT max(LIF_REMISE_POURCENT), max(LIF_REMISE_MONTANT) from T_LIGN
E_FACTURE;"
-Q11_res = "Pourcent : 24, Montant : 58"
+Q11_res = "Pourcent : 24, Montant : 58"

## Question 12
Q12_req = "Select FAC_ID from T_LIGNE_FACTURE where LIF_REMISE_POURCENT>0 or LI
F_REMISE_MONTANT>0;"

## Question 13
-Q13_req = "SELECT DISTINCT CLI_ID from T_FACTURE
-JOIN T_LIGNE_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID
-where LIF_REMISE_POURCENT>0 or LIF_REMISE_MONTANT>0;
-
-;"
+Q13_req = "SELECT DISTINCT CLI_ID from T_FACTURE JOIN T_LIGNE_FACTURE on T_LIGN
E_FACTURE.FAC_ID=T_FACTURE.FAC_ID where LIF_REMISE_POURCENT>0 or LIF_REMISE_MONT
ANT>0;"

## Question 14
-Q14_req = "SELECT CLI_ID from T_FACTURE
-except
-SELECT DISTINCT CLI_ID from T_FACTURE
-JOIN T_LIGNE_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID
-where LIF_REMISE_POURCENT>0 or LIF_REMISE_MONTANT>0;"
+Q14_req = "SELECT CLI_ID from T_FACTURE except SELECT DISTINCT CLI_ID from T_FA
CTURE JOIN T_LIGNE_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID where LIF_
REMISE_POURCENT>0 or LIF_REMISE_MONTANT>0;"

## Question 15
-Q15_req = "select T_CLIENT.CLI_NOM, T_CLIENT.CLI_PRENOM, max(nbred) from (selec
t T_FACTURE.CLI_ID, count(T_FACTURE.CLI_ID) as nbred from T_FACTURE join T_LIGNE
_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID
-where LIF_REMISE_POURCENT>0 or LIF_REMISE_MONTANT>0 group by CLI_ID) as tout jo
in T_CLIENT on T_client.CLI_ID=tout.CLI_ID;"
+Q15_req = "select T_CLIENT.CLI_NOM, T_CLIENT.CLI_PRENOM, max(nbred) from (selec
t T_FACTURE.CLI_ID, count(T_FACTURE.CLI_ID) as nbred from T_FACTURE join T_LIGNE
_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID where LIF_REMISE_POURCENT>0
```

```
or LIF_REMISE_MONTANT>0 group by CLI_ID) as tout join T_CLIENT on T_client.CLI_ID=tout.CLI_ID;"
Q15_res ="nom: THOMASSE,prenom:Jean-Claude,montant : 20"
```

```
NOM = "Castres"
Prenom = "Yann"
Classe = "MPSI 2"
alpha="9"
```

```
## Question 1
```

```
Q1_req = "SELECT CLI_NOM, CLI_PRENOM, TIT_CODE from T_CLIENT;"
```

```
## Question 2
```

```
Q2_req = "select count(*) as nbcli from T_CLIENT;"
```

```
Q2_res = "98"
```

```
## 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(*) as nbclie from (SELECT CLI_NOM, CLI_PRENOM, TIT_CODE f
rom T_CLIENT where TIT_CODE='Mme.' or TIT_CODE='Melle.');"
Q5_res = "17"
```

```
## Question 6
```

```
Q6_req = "SELECT CLI_NOM as Noms, CLI_PRENOM as Prénoms from
(SELECT CLI_NOM, CLI_PRENOM, TIT_CODE from T_CLIENT where TIT_CODE='Mme.' or TIT
_CODE='Melle.')"
order by CLI_NOM 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, count(*) from T_CLIENT group by CLI_NOM ha
ving count (CLI_NOM)>1;"
```

```
## Question 9
```

```
Q9_req = "SELECT CLI_NOM, count(*) from T_CLIENT group by CLI_NOM having count(C
LI_NOM)>1;"
```

```
Q9_res = "2 benattar,3 martin"
```

```
## Question 10
```

```
Q10_req = "SELECT avg(LIF_REMISE_POURCENT), avg(LIF_REMISE_MONTANT) from T_LIGNE
_FACTURE;"
```

```
Q10_res = "Pourcent : 24, Montant : 58"
```

```
## Question 11
```

```
Q11_req = "SELECT max(LIF_REMISE_POURCENT), max(LIF_REMISE_MONTANT) from T_LIGNE
_FACTURE;"
```

```
Q11_res = "Pourcent : 24, Montant : 58"
```

```
## Question 12
```

```
Q12_req = "Select FAC_ID from T_LIGNE_FACTURE where LIF_REMISE_POURCENT>0 or LIF
_REMISE_MONTANT>0;"
```

```
## Question 13
```

```
Q13_req = "SELECT DISTINCT CLI_ID from T_FACTURE
JOIN T_LIGNE_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID
where LIF_REMISE_POURCENT>0 or LIF_REMISE_MONTANT>0;
```

```
;"
```

```
## Question 14
```

```
Q14_req = "SELECT CLI_ID from T_FACTURE
except
SELECT DISTINCT CLI_ID from T_FACTURE
JOIN T_LIGNE_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID
where LIF_REMISE_POURCENT>0 or LIF_REMISE_MONTANT>0;"
```

Question 15

```
Q15_req = "select T_CLIENT.CLI_NOM, T_CLIENT.CLI_PRENOM, max(nbred) from (select
T_FACTURE.CLI_ID, count(T_FACTURE.CLI_ID) as nbred from T_FACTURE join T_LIGNE_
FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID
where LIF_REMISE_POURCENT>0 or LIF_REMISE_MONTANT>0 group by CLI_ID) as tout joi
n T_CLIENT on T_client.CLI_ID=tout.CLI_ID;"
Q15_res ="nom: THOMASSE,prenom:Jean-Claude,montant : 20"
```