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

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

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

    def test_Q1_req ():
>       assert requete(sol_Q1_req) == requete(Q1_req)
E       AssertionError: assert [('DUPONT', '...Melle.'), ...] == [('M.', 'DUPO..
.velyne'), ...]
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_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', '...-52-56'), ...] == [('DUPONT', '..
.-43-21'), ...]
E         At index 2 diff: ('DUBOIS', '02-41-58-89-52') != ('DUPONT', '01-44-28-
52-50')
E         Right contains 47 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 '(66.0, 100.0)' == 'EN POURCENTA...ONTANT : 2.29'
E         - (66.0, 100.0)
E         + EN POURCENTAGE : 1.79 , EN MONTANT : 2.29
```

```
test_TP.py:131: AssertionError
_____ test_Q10_req _____

    def test_Q10_req ():
>       assert requete(sol_Q10_req) == requete(Q10_req)
E       assert [(66.0, 100.0)] == [(2.286885245...655737704918)]
E         At index 0 diff: (66.0, 100.0) != (2.2868852459016393, 1.7906557377049
18)
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 '(66.0, 100)' == 'EN POURCENTA...MONTANT : 100'
E         − (66.0, 100)
E         + EN POURCENTAGE : 66, EN MONTANT : 100

test_TP.py:137: AssertionError
_____ test_Q12_req _____

    def test_Q12_req ():
>       assert requete(sol_Q12_req) == requete(Q12_req)
E       assert [(1,), (2,), ...], (27,), ...] == [(1,), (3,), ...,), (2,), ...]
E         At index 1 diff: (2,) != (3,)
E         Right contains 863 more items, first extra item: (712,)
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 [(1,), (3,), ...,), (8,), ...] == []
E         Left contains 91 more items, first extra item: (1,)
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', 1200)" == 'NOM,PRENOM,MONTANT'
E         − ('MEDARD', 'JACQUES', 1200)
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', 1200)] == []
E         Left contains one more item: ('MEDARD', 'Jacques', 1200)
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
========================= 13 failed, 9 passed in 0.77s =========================

MODIFICATIONS EFFECTUEES SUR LE FICHIER RENDU
=============================================


--- prog.py.orig        2020-06-22 08:24:11.000000000 +0200
+++ prog.py     2020-06-24 14:57:19.000000000 +0200
@@ -4,47 +4,47 @@
 alpha="51"

 ## Question 1
-Q1_req = "SELECT TIT_CODE,CLI_NOM,CLI_PRENOM FROM T_client ;;"
+Q1_req = "SELECT TIT_CODE,CLI_NOM,CLI_PRENOM FROM T_client "

 ## Question 2
-Q2_req = "SELECT COUNT(*) FROM T_client;;"
+Q2_req = "SELECT COUNT(*) FROM T_client"
 Q2_res = "91"

 ## 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 TIT_CODE,CLI_NOM,CLI_PRENOM FROM T_client WHERE TIT_CODE != 'M
.';;"
+Q4_req = "SELECT TIT_CODE,CLI_NOM,CLI_PRENOM FROM T_client WHERE TIT_CODE != 'M
.'"


 ## Question 5
-Q5_req = "SELECT COUNT (*) FROM T_client WHERE TIT_CODE != 'M.';;"
+Q5_req = "SELECT COUNT (*) FROM T_client WHERE TIT_CODE != 'M.'"
 Q5_res = "16"

 ## Question 6
-Q6_req = "SELECT CLI_NOM AS Noms ,CLI_PRENOM AS Prénoms FROM T_CLIENT WHERE TIT
_CODE != 'M.' ORDER BY Noms ASC ;;"
+Q6_req = "SELECT CLI_NOM AS Noms ,CLI_PRENOM AS Prénoms FROM T_CLIENT WHERE TIT
_CODE != 'M.' ORDER BY Noms ASC "


 ## Question 7
-Q7_req = "SELECT CLI_NOM , TEL_NUMERO FROM T_CLIENT, T_TELEPHONE WHERE T_CLIENT
.CLI_ID=T_TELEPHONE.CLI_ID;;"
+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(SELECT CLI_NOM,COUNT(*) AS Nb FROM T_CLIENT GROUP BY CLI_NOM) WHERE Nb>1);
;"
+Q8_req = "SELECT CLI_NOM,CLI_PRENOM FROM T_CLIENT WHERE CLI_NOM=(SELECT CLI_NOM
 FROM(SELECT CLI_NOM,COUNT(*) AS Nb FROM T_CLIENT GROUP BY CLI_NOM) WHERE Nb>1)"

 ## Question 9
-Q9_req = "SELECT CLI_NOM,Nb FROM (SELECT CLI_NOM,COUNT(*) AS Nb FROM T_CLIENT G
ROUP BY CLI_NOM) WHERE Nb>1;;"
+Q9_req = "SELECT CLI_NOM,Nb FROM (SELECT CLI_NOM,COUNT(*) AS Nb FROM T_CLIENT G
ROUP BY CLI_NOM) WHERE Nb>1"
 Q9_res = "MARTIN : 2"
```

```
 ## Question 10
-Q10_req = "SELECT CAST(SUM(LIF_REMISE_MONTANT) AS FLOAT)/CAST(SUM(LIF_QTE) AS F
LOAT), CAST(SUM(LIF_REMISE_POURCENT) as FLOAT)/CAST(SUM(LIF_QTE) AS FLOAT) FROM
T_LIGNE_FACTURE;;"
+Q10_req = "SELECT CAST(SUM(LIF_REMISE_MONTANT) AS FLOAT)/CAST(SUM(LIF_QTE) AS F
LOAT), CAST(SUM(LIF_REMISE_POURCENT) as FLOAT)/CAST(SUM(LIF_QTE) AS FLOAT) FROM
T_LIGNE_FACTURE"
 Q10_res = "en pourcentage : 1.79 , en montant : 2.29"

 ## Question 11
-Q11_req = "SELECT MAX(LIF_REMISE_POURCENT), MAX(LIF_REMISE_MONTANT) FROM T_LIGN
E_FACTURE;;"
+Q11_req = "SELECT MAX(LIF_REMISE_POURCENT), MAX(LIF_REMISE_MONTANT) FROM T_LIGN
E_FACTURE"
 Q11_res = "en pourcentage : 66, en montant : 100"

 ## Question 12
-Q12_req = "SELECT FAC_ID AS fac_id1 FROM T_LIGNE_FACTURE WHERE LIF_REMISE_POURC
ENT OR LIF_REMISE_MONTANT;;"
+Q12_req = "SELECT FAC_ID AS fac_id1 FROM T_LIGNE_FACTURE WHERE LIF_REMISE_POURC
ENT OR LIF_REMISE_MONTANT"


 ## Question 13
```

```
NOM = "MARJOLLET"
Prenom = "Iris"
Classe = "MPSI2"
alpha="51"

## 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 = "91"

## 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 != 'M.
';;"


## Question 5
Q5_req = "SELECT COUNT (*) FROM T_client WHERE TIT_CODE != 'M.';;"
Q5_res = "16"

## Question 6
Q6_req = "SELECT CLI_NOM AS Noms ,CLI_PRENOM AS Prénoms FROM T_CLIENT WHERE TIT_
CODE != 'M.' ORDER BY Noms 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(SELECT CLI_NOM,COUNT(*) AS Nb FROM T_CLIENT GROUP BY CLI_NOM) WHERE Nb>1);;
"

## Question 9
Q9_req = "SELECT CLI_NOM,Nb FROM (SELECT CLI_NOM,COUNT(*) AS Nb FROM T_CLIENT GR
OUP BY CLI_NOM) WHERE Nb>1;;"
Q9_res = "MARTIN : 2"

## Question 10
Q10_req = "SELECT CAST(SUM(LIF_REMISE_MONTANT) AS FLOAT)/CAST(SUM(LIF_QTE) AS FL
OAT), CAST(SUM(LIF_REMISE_POURCENT) as FLOAT)/CAST(SUM(LIF_QTE) AS FLOAT) FROM T
_LIGNE_FACTURE;;"
Q10_res = "en pourcentage : 1.79 , en montant : 2.29"

## Question 11
Q11_req = "SELECT MAX(LIF_REMISE_POURCENT), MAX(LIF_REMISE_MONTANT) FROM T_LIGNE
_FACTURE;;"
Q11_res = "en pourcentage : 66, en montant : 100"

## Question 12
Q12_req = "SELECT FAC_ID AS fac_id1 FROM T_LIGNE_FACTURE WHERE LIF_REMISE_POURCE
NT OR LIF_REMISE_MONTANT;;"


## Question 13
Q13_req = ""

## Question 14
Q14_req = ""


## Question 15
Q15_req = ""
```

```
Q15_res ="nom,prenom,montant"
```