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


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

================================= FAILURES =================================
_____ 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 13775 more items, first extra item: ('DUPONT', '04-90-7
8-10-68')
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 [('MARTIN',)] == [('MARTIN', '...Jean-Pierre')]
E         At index 0 diff: ('MARTIN',) != ('MARTIN', 'Marc')
E         Right contains 2 more items, first extra item: ('MARTIN', 'Martin')
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 [('MARTIN', 3)] == [('AIACH', 1)...NEE', 1), ...]
E         At index 0 diff: ('MARTIN', 3) != ('AIACH', 1)
E         Right contains 86 more items, first extra item: ('AUZENAT', 1)
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 '(88.0, 122.0)' == '88.0 ET 122.0'
E         - (88.0, 122.0)
E         ? -       ^     -
E         + 88.0 ET 122.0
E         ?       ^^^

test_TP.py:131: AssertionError
_____ test_Q11_res _____

    def test_Q11_res ():
>       assert sol_Q11_res.upper() ==  Q11_res.upper()
E       AssertionError: assert '(88.0, 122)' == '88 ET 122'
E         - (88.0, 122)
E         + 88 ET 122

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 915 more items, first extra item: (689,)
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,), (2,), ...,), (7,), ...] == [(1,), (1,), ...,), (1,), ...]
E         At index 1 diff: (2,) != (1,)
E         Right contains 1075 more items, first extra item: (9,)
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', 1464)" == 'NOM,PRENOM,MONTANT'
E         - ('MEDARD', 'JACQUES', 1464)
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', 1464)] == []
E         Left contains one more item: ('MEDARD', 'Jacques', 1464)
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
======================= 11 failed, 11 passed in 0.77s =========================


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

--- prog.py.orig       2020-06-22 08:24:01.000000000 +0200
+++ prog.py     2020-06-24 14:56:57.000000000 +0200
@@ -51,8 +51,7 @@
 Q13_req = "select CLI_ID from T_FACTURE join T_LIGNE_FACTURE on T_FACTURE.FAC_I
D=T_LIGNE_FACTURE.FAC_ID where LIF_REMISE_MONTANT !=0 or LIF_REMISE_POURCENT!=0;
"
```

Question 14

```
-Q14_req = "select CLI_ID from T_FACTURE join T_LIGNE_FACTURE on T_FACTURE.FAC_I
D=T_LIGNE_FACTURE.FAC_ID
- where LIF_REMISE_MONTANT < 122 and LIF_REMISE_POURCENT <88;"
+Q14_req = "select CLI_ID from T_FACTURE join T_LIGNE_FACTURE on T_FACTURE.FAC_I
D=T_LIGNE_FACTURE.FAC_ID where LIF_REMISE_MONTANT < 122 and LIF_REMISE_POURCENT
<88;"
```

Question 15

Question 14

```
-Q14_req = "select CLI_ID from T_FACTURE join T_LIGNE_FACTURE on T_FACTURE.FAC_I
D=T_LIGNE_FACTURE.FAC_ID
- where LIF_REMISE_MONTANT < 122 and LIF_REMISE_POURCENT <88;"
```

Mer 24 jui 2020 14:57:00 CEST DS_08_hamadi   3/3

```
NOM = "HAMADI"
Prenom = "Halima"
Classe = "MPSI2"
alpha="73"

## Question 1
Q1_req = "select CLI_NOM,CLI_PRENOM, TIT_CODE from T_CLIENT;"

## Question 2
Q2_req = "select count (CLI_ID) from T_CLIENT;"
Q2_res = "89"

## 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(*) from T_CLIENT where TIT_CODE='Mme.' or TIT_CODE='Melle
.';"
Q5_res = "15"

## Question 6
Q6_req = "select DISTINCT CLI_NOM as Noms , CLI_PRENOM as Prénoms from T_CLIENT
where TIT_CODE='Mme.' or TIT_CODE='Melle.' order by Noms ASC, Prénoms ASC;"


## Question 7
Q7_req = "select T_CLIENT.CLI_NOM, T_TELEPHONE.TEL_NUMERO from T_CLIENT, T_TELEP
HONE;"

## Question 8
Q8_req = "select T_CLIENT.CLI_NOM, T_CLIENT.CLI_PRENOM from T_CLIENT where t_cli
ent.CLI_NOM=(select T_CLIENT.CLI_NOM from T_CLIENT GROUP by T_CLIENT.CLI_NOM HAV
ING count(CLI_NOM)>1);"

## Question 9
Q9_req = "select CLI_NOM, cn from ( select CLI_NOM, count(CLI_NOM) as cn from T_
CLIENT GROUP by CLI_NOM );"
Q9_res = "MARTIN =3, les autres=1"

## Question 10
Q10_req = "select avg( LIF_REMISE_POURCENT), avg( LIF_REMISE_MONTANT) from T_LIG
NE_FACTURE;"
Q10_res = "88.0 et 122.0"

## Question 11
Q11_req = "select max( LIF_REMISE_POURCENT), max( LIF_REMISE_MONTANT) from T_LIG
NE_FACTURE;"
Q11_res = "88 et 122"

## Question 12
Q12_req = "select FAC_ID as fac_id1 from T_LIGNE_FACTURE where LIF_REMISE_MONTAN
T !=0 or LIF_REMISE_POURCENT!=0;"


## Question 13
Q13_req = "select CLI_ID from T_FACTURE join T_LIGNE_FACTURE on T_FACTURE.FAC_ID
=T_LIGNE_FACTURE.FAC_ID where LIF_REMISE_MONTANT !=0 or LIF_REMISE_POURCENT!=0;"

## Question 14
Q14_req = "select CLI_ID from T_FACTURE join T_LIGNE_FACTURE on T_FACTURE.FAC_ID
=T_LIGNE_FACTURE.FAC_ID
 where LIF_REMISE_MONTANT < 122 and LIF_REMISE_POURCENT <88;"
```

```
## Question 15
Q15_req = ""
Q15_res ="nom,prenom,montant"
```

```
## Question 15
Q15_req = ""
```