

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

```
test_TP.py F.....F.FFFF.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..
.'Alain'), ...]
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_Q5_req _____
```

```
def test_Q5_req ():
> assert requete(sol_Q5_req) == requete(Q5_req)
E AssertionError: assert [(15,)] == [('DAUMIER', ... 'Mme.'), ...]
E At index 0 diff: (15,) != ('DAUMIER', 'Amélie', 'Melle.')
E Right contains 14 more items, first extra item: ('BOYER', 'Martine', '
Mme.')
E Use -v to get the full diff
```

```
test_TP.py:116: AssertionError
```

```
_____ test_Q7_req _____
```

```
def test_Q7_req ():
> assert requete(sol_Q7_req) == requete(Q7_req)
E AssertionError: assert [('DUPONT', '...-52-56'), ...] == [('DUPONT', '...
-52-50'), ...]
E At index 2 diff: ('DUBOIS', '02-41-58-89-52') != ('DUPONT', '01-44-28-
52-50')
E Right contains 46 more items, first extra item: ('AIACH', '04-91-52-51
-52')
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',)] == []
E Left contains one more item: ('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', 2)] == []
E Left contains one more item: ('MARTIN', 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 '(58.0, 92.0)' == '58.0, 92.0'
E         - (58.0, 92.0)
E         ? -      -
E         + 58.0, 92.0
```

test_TP.py:131: AssertionError

test_Q11_res

```
def test_Q11_res ():
>     assert sol_Q11_res.upper() == Q11_res.upper()
E     AssertionError: assert '(58.0, 92)' == '58, 92'
E         - (58.0, 92)
E         ? -  --  -
E         + 58, 92
```

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_Q15_res

```
def test_Q15_res ():
>     assert sol_Q15_res.upper() == Q15_res.upper()
E     assert "('MEDARD', 'JACQUES', 1104)" == 'NOM,PRENOM,480'
E         - ('MEDARD', 'JACQUES', 1104)
E         + NOM,PRENOM,480
```

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', 1104)] == []
E         Left contains one more item: ('MEDARD', 'Jacques', 1104)
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)" == 'NOM,PRENOM,480'
E         - ('LETERRIER', 'MONIQUE', 21)
E         + NOM,PRENOM,480
```

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)] == []
E         Left contains one more item: ('LETERRIER', 'Monique', 21)
E         Use -v to get the full diff
```

test_TP.py:161: AssertionError

===== 12 failed, 10 passed in 0.73s =====

```
NOM = "HIRIGARAY"  
Prenom = "Mathieu"  
Classe = "MPSI2"  
alpha="43"
```

```
## 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 = "92"
```

```
## 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 CLI_NOM, CLI_PRENOM, TIT_CODE from T_CLIENT where TIT_CODE='Mme.'  
' or TIT_CODE='Melle.';"
```

```
Q5_res = "15"
```

```
## Question 6
```

```
Q6_req = "select CLI_NOM as Noms, CLI_PRENOM as Prénoms from T_CLIENT where TIT_  
CODE='Mme.' or TIT_CODE='Melle.' order by Noms, Prénoms asc;"
```

```
## Question 7
```

```
Q7_req = "select CLI_NOM as Noms, TEL_NUMERO from T_CLIENT join T_TELEPHONE on  
T_CLIENT.CLI_ID=T_TELEPHONE.CLI_ID;"
```

```
## Question 8
```

```
Q8_req = "select CLI_NOM from T_CLIENT except select distinct CLI_NOM from T_CLI  
ENT;"
```

```
## Question 9
```

```
Q9_req = ""
```

```
Q9_res = "2"
```

```
## Question 10
```

```
Q10_req = "SELECT AVG(LIF_REMISE_POURCENT), AVG(LIF_REMISE_MONTANT) FROM T_LIGNE  
_FACTURE;"
```

```
Q10_res = "58.0, 92.0"
```

```
## Question 11
```

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

```
Q11_res = "58, 92"
```

```
## Question 12
```

```
Q12_req = "select FAC_ID as fac_id1 from T_LIGNE_FACTURE where LIF_REMISE_POURCE  
NT!='NULL' or LIF_REMISE_MONTANT!='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_POURCENT!='NULL' or LIF_REMISE_MONTANT!='N  
ULL') on FAC_ID=fac_id1;"
```

```
## Question 14
```

```
Q14_req = "select distinct CLI_ID from T_FACTURE join (select FAC_ID as fac_id1  
from T_LIGNE_FACTURE where LIF_REMISE_POURCENT='NULL' and LIF_REMISE_MONTANT='NU  
LL') on FAC_ID=fac_id1;"
```

Question 15

```
Q15_req = "select CLI_NOM, CLI_PRENOM, CLI_ID from T_CLIENT where (select LIF_MONTANT from T_LIGNE_FACTURE join T_FACTURE on T_LIGNE_FACTURE.FAC_ID= T_FACTURE.FAC_ID)=(select max(tt) as aa from (select LIF_MONTANT as tt from T_LIGNE_FACTURE));"
```

```
Q15_res = "nom,prenom,480"
```