

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

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

```
===== FAILURES =====
_____ 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 47 more items, first extra item: ('LEAL', '04-94-65-66-67')
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_Q10_res _____
```

```
def test_Q10_res ():
>     assert sol_Q10_res.upper() == Q10_res.upper()
E     assert '(89.0, 123.0)' == "'89','123'"
E         - (89.0, 123.0)
E         + '89','123'
```

```
test_TP.py:131: AssertionError
_____ test_Q11_res _____
```

```
def test_Q11_res ():
>     assert sol_Q11_res.upper() == Q11_res.upper()
E     assert '(89.0, 123)' == "'89','123'"
E         - (89.0, 123)
E         + '89','123'
```

```
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,), ...] == [(3,), (4,), ...], (51,), ...]
E         At index 0 diff: (1,) != (3,)
E         Left contains 195 more items, first extra item: (1144,)
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 "('SILLET', 'JACQUES', 1353)" == 'NOM,PRENOM,MONTANT'
E         - ('SILLET', 'JACQUES', 1353)
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 [('SILLET', 'Jacques', 1353)] == []
E         Left contains one more item: ('SILLET', 'Jacques', 1353)
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

===== 9 failed, 13 passed in 0.68s =====

```
NOM = "NOVEL"
Prenom = "Simon"
Classe = "MPSI2"
alpha="74"
```

```
## Question 1
```

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

```
## Question 2
```

```
Q2_req = "SELECT COUNT (*) from (SELECT DISTINCT CLI_ID from T_CLIENT )"
Q2_res = "87"
```

```
## 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 CLI_NOM as 'Noms' , CLI_PRENOM as 'Prénoms' From T_CLIENT WHERE TIT_CODE = 'Mme.' OR TIT_CODE='Melle.' ORDER BY CLI_NOM ASC, CLI_PRENOM ASC "
```

```
## Question 7
```

```
Q7_req = "SELECT T_CLIENT.CLI_NOM,T_TELEPHONE.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 from T_CLIENT JOIN (SELECT CLI_NOM as nom, COUNT(CLI_NOM) as nb FROM T_CLIENT GROUP BY CLI_NOM) ON T_CLIENT.CLI_NOM=nom WHERE nb>1 "
```

```
## Question 9
```

```
Q9_req = "SELECT CLI_NOM,nb from (SELECT CLI_NOM,COUNT(CLI_NOM) as nb FROM T_CLIENT GROUP BY CLI_NOM) WHERE nb>1"
Q9_res = "'MARTIN 3'"
```

```
## Question 10
```

```
Q10_req = "SELECT avg(LIF_REMISE_POURCENT), avg(LIF_REMISE_MONTANT) FROM T_LIGNE_FACTURE"
Q10_res = "'89','123'"
```

```
## Question 11
```

```
Q11_req = "SELECT max(LIF_REMISE_POURCENT), max(LIF_REMISE_MONTANT) FROM T_LIGNE_FACTURE"
Q11_res = "'89','123'"
```

```
## Question 12
```

```
Q12_req = "SELECT DISTINCT FAC_ID as 'fac_id1' FROM T_LIGNE_FACTURE where LIF_REMISE_MONTANT IS NOT NULL"
```

```
## Question 13
```

```
Q13_req = "SELECT DISTINCT CLI_ID FROM T_FACTURE join T_LIGNE_FACTURE where T_FACTURE.FAC_ID=T_LIGNE_FACTURE.FAC_ID AND T_LIGNE_FACTURE.LIF_REMISE_MONTANT IS NOT NULL"
```

```
## Question 14
```

```
Q14_req = ""
```

Question 15

Q15_req = ""

Q15_res ="nom,prenom,montant"