

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_montibert
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. [100%]
```

```
===== FAILURES =====
_____ test_Q10_res _____
```

```
def test_Q10_res ():
> assert sol_Q10_res.upper() == Q10_res.upper()
E AssertionError: assert '(33.0, 67.0)' == 'REMISE_POURC..._MONTANT=67.0'
E - (33.0, 67.0)
E + REMISE_POURCENTAGE=33.0, REMISE_MONTANT=67.0
```

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

```
_____ test_Q11_res _____
```

```
def test_Q11_res ():
> assert sol_Q11_res.upper() == Q11_res.upper()
E AssertionError: assert '(33.0, 67)' == 'MAX_POURCENT...AX_MONTANT=67'
E - (33.0, 67)
E + MAX_POURCENTAGE=33, MAX_MONTANT=67
```

```
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 848 more items, first extra item: (668,)
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,), ...), (6,), ...] == [(1,), (1,), ...), (1,), ...]
E At index 1 diff: (2,) != (1,)
E Right contains 1035 more items, first extra item: (10,)
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 "('SILLET', 'JACQUES', 737)" == 'GARREAU,PAUL,22'
E - ('SILLET', 'JACQUES', 737)
E + GARREAU,PAUL,22
```

```
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', 737)] == [('GARREAU', 'Paul', 22)]
```

```
E      At index 0 diff: ('SILLET', 'Jacques', 737) != ('GARREAU', 'Paul', 22)
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)" == 'GARREAU,PAUL,22'
E       - ('GARREAU', 'PAUL', 22)
E       ? --      - --      - - -
E       + GARREAU,PAUL,22
```

```
test_TP.py:158: AssertionError
```

```
===== 7 failed, 15 passed in 0.55s =====
```

```
MODIFICATIONS EFFECTUEES SUR LE FICHIER RENDU
```

```
=====
```

```
--- prog.py.orig      2020-06-22 08:24:16.000000000 +0200
+++ prog.py           2020-06-24 14:57:29.000000000 +0200
@@ -4,8 +4,7 @@
alpha="18"
```

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

```
## Question 2
Q2_req = "select count(*) as nb_client from T_CLIENT"
@@ -34,8 +33,7 @@
```

```
## Question 9
Q9_req = "SELECT CLI_NOM, count(cli_nom) from T_CLIENT group by CLI_NOM having
count(CLI_NOM)>1"
-Q9_res = "BENATTAR      2
-MARTIN 3"
+Q9_res = "BENATTAR      2 MARTIN      3"
```

```
## Question 10
Q10_req = "select avg(LIF_remise_pourcent) as moyenne_pourcent, avg(LIF_remise_
montant) from T_LIGNE_FACTURE"
@@ -53,18 +51,9 @@
Q13_req = "select T_facture.CLI_ID from T_FACTURE join T_LIGNE_FACTURE on T_LIG
NE_FACTURE.FAC_ID=T_FACTURE.FAC_ID where LIF_REMISE_MONTANT>0 or LIF_REMISE_POUR
CENT>0"
```

```
## Question 14
-Q14_req = "SELECT T_FACTURE.CLI_ID
-FROM T_FACTURE
-
-EXCEPT
-
-SELECT T_FACTURE.CLI_ID
-FROM T_FACTURE, T_LIGNE_FACTURE
-WHERE (LIF_REMISE_POURCENT>0 OR LIF_REMISE_MONTANT>0) AND T_FACTURE.FAC_ID=T_LI
GNE_FACTURE.FAC_ID"
+Q14_req = "SELECT T_FACTURE.CLI_ID FROM T_FACTURE EXCEPT SELECT T_FACTURE.CLI_I
D FROM T_FACTURE, T_LIGNE_FACTURE WHERE (LIF_REMISE_POURCENT>0 OR LIF_REMISE_MON
TANT>0) AND T_FACTURE.FAC_ID=T_LIGNE_FACTURE.FAC_ID"
```

```
## Question 15
-Q15_req = "select T_CLIENT.CLI_NOM,T_CLIENT.CLI_PRENOM, max(nb_reduc) from
-(select T_FACTURE.CLI_ID,count(T_FACTURE.CLI_ID) as nb_reduc from T_FACTURE joi
n T_LIGNE_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID where LIF_REMISE_MO
NTANT>0 or LIF_REMISE_POURCENT>0 group by CLI_ID) as c
```

```
-join T_CLIENT on T_CLIENT.CLI_ID=c.CLI_ID"
+Q15_req = "select T_CLIENT.CLI_NOM,T_CLIENT.CLI_PRENOM, max(nb_reduc) from (sel
ect T_FACTURE.CLI_ID,count(T_FACTURE.CLI_ID) as nb_reduc from T_FACTURE join T_L
IGNE_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID where LIF_REMISE_MONTANT
>0 or LIF_REMISE_POURCENT>0 group by CLI_ID) as c join T_CLIENT on T_CLIENT.CLI_
ID=c.CLI_ID"
Q15_res ="GARREAU,Paul,22"
```

```
NOM = "MONTIBERT"  
Prenom = "Louis"  
Classe = "MPSI2"  
alpha="18"
```

```
## Question 1
```

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

```
## Question 2
```

```
Q2_req = "select count(*) as nb_client from T_CLIENT"  
Q2_res = "95"
```

```
## 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 = "16"
```

```
## 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"
```

```
## Question 7
```

```
Q7_req = "select T_CLIENT.CLI_NOM as Noms, T_TELEPHONE.TEL_NUMERO from T_CLIENT  
join T_TELEPHONE on T_TELEPHONE.CLI_ID=T_CLIENT.CLI_ID where T_TELEPHONE.TYP_COD  
E='TEL' "
```

```
## Question 8
```

```
Q8_req = "SELECT CLI_NOM from T_CLIENT group by CLI_NOM having count(CLI_NOM)>1"
```

```
## Question 9
```

```
Q9_req = "SELECT CLI_NOM, count(cli_nom) from T_CLIENT group by CLI_NOM having c  
ount(CLI_NOM)>1"  
Q9_res = "BENATTAR      2  
MARTIN      3"
```

```
## Question 10
```

```
Q10_req = "select avg(LIF_remise_pourcent) as moyenne_pourcent, avg(LIF_remise_m  
ontant) from T_LIGNE_FACTURE"  
Q10_res = "remise_pourcentage=33.0, remise_montant=67.0"
```

```
## Question 11
```

```
Q11_req = "SELECT max(LIF_remise_pourcent) as max_pourcent, max(LIF_remise_monta  
nt) as max_montant from T_LIGNE_FACTURE"  
Q11_res = "max_pourcentage=33, max_montant=67"
```

```
## Question 12
```

```
Q12_req = "select FAC_ID as fact_id1 from T_LIGNE_FACTURE where LIF_REMISE_MONTA  
NT>0 or LIF_REMISE_POURCENT>0"
```

```
## Question 13
```

```
Q13_req = "select T_facture.CLI_ID from T_FACTURE join T_LIGNE_FACTURE on T_LIGN  
E_FACTURE.FAC_ID=T_FACTURE.FAC_ID where LIF_REMISE_MONTANT>0 or LIF_REMISE_POURC  
ENT>0"
```

```
## Question 14
```

```
Q14_req = "SELECT T_FACTURE.CLI_ID  
FROM T_FACTURE"
```

EXCEPT

```
SELECT T_FACTURE.CLI_ID
FROM T_FACTURE, T_LIGNE_FACTURE
WHERE (LIF_REMISE_POURCENT>0 OR LIF_REMISE_MONTANT>0) AND T_FACTURE.FAC_ID=T_LIGNE_FACTURE.FAC_ID"
```

Question 15

```
Q15_req = "select T_CLIENT.CLI_NOM,T_CLIENT.CLI_PRENOM, max(nb_reduc) from
(select T_FACTURE.CLI_ID,count(T_FACTURE.CLI_ID) as nb_reduc from T_FACTURE join
T_LIGNE_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID where LIF_REMISE_MONTANT>0 or LIF_REMISE_POURCENT>0 group by CLI_ID) as c
join T_CLIENT on T_CLIENT.CLI_ID=c.CLI_ID"
Q15_res ="GARREAU,Paul,22"
```