

TP SUCRERIE : Fichier de tests des requêtes MySQL

1 et 2 :

c:\wamp64\bin\mysql\mysql5.7.19\bin\mysql.exe

```
mysql> SELECT nom, adresse, telephone
-> FROM CLIENT
-> WHERE nom like '_A_IN%' ;
```

| nom | adresse | telephone |
|-----------------|---------------------------|----------------|
| TARINAUX Lucien | 12 rue de la Justice | 03.26.25.48.87 |
| RABIN Sandrine | 21 rue de la Méditerranée | 03.26.14.15.25 |
| MARIN Dominique | 24 rue de la Baltique | 03.26.10.10.23 |

```
3 rows in set (0.00 sec)
```



```
mysql> SELECT numero AS Numéros_des_commandes_passées_par_Mme_RABIN
-> FROM COMMANDE O, CLIENT C
-> WHERE O.code_c = C.code_c
-> AND nom like 'RABIN%';
```

| Numéros_des_commandes_passées_par_Mme_RABIN |
|---|
| 10178 |
| 10179 |

```
2 rows in set (0.00 sec)
```

3 et 4 :

c:\wamp64\bin\mysql\mysql5.7.19\bin\mysql.exe

```
mysql> SELECT designation AS Désignations_des_articles_achetées_par_Mme_RABIN
-> FROM PRODUIT P, LIGNE_COMMANDE L, COMMANDE O, CLIENT C
-> WHERE P.reference = L.reference
-> AND L.numero = O.numero
-> AND O.code_c = C.code_c
-> AND nom like 'RABIN%';
```

| Désignations_des_articles_achetées_par_Mme_RABIN |
|--|
| SOURIS REGLISSE |
| COLA CITRIQUE |
| FRAISE TSOIN-TSOIN |
| LANGUE COLA CITRIQUE |
| SUCETTE BOULE POP |
| OURSON GUIMAUVE |
| TETINE CANDI |
| FRAISE TSOIN-TSOIN |
| METRE REGLISSE ROULE |
| OURSON CANDI |
| SUCETTE BOULE FRUIT |
| BOULE COCO MULER |
| CRIC-CRAC |
| TENDRE FRUIT |

```
14 rows in set (0.00 sec)
```



```
mysql> SELECT sum(total_ht) AS Montant_HT_des_commandes_de_Mme_RABIN
-> FROM COMMANDE O, CLIENT C
-> WHERE O.code_c = C.code_c
-> AND nom like 'RABIN%';
```

| Montant_HT_des_commandes_de_Mme_RABIN |
|---------------------------------------|
| 369.00 |

```
1 row in set (0.00 sec)
```

5, 6 et 7 :

c:\wamp64\bin\mysql\mysql5.7.19\bin\mysql.exe

```
mysql> SELECT sum(quantite_demandee*prix_unitaire_ht) AS Total_HT_des_commandes_de_Mme_RABIN_hors_transport
-> FROM PRODUIT P, LIGNE_COMMANDE L, COMMANDE O, CLIENT C
-> WHERE P.reference = L.reference
-> AND L.numero = O.numero
-> AND O.code_c = C.code_c
-> AND nom like 'RABIN%';
```

```
+-----+
| Total_HT_des_commandes_de_Mme_RABIN_hors_transport |
+-----+
| 349.00 |
+-----+
1 row in set (0.00 sec)
```


```
mysql> SELECT sum(total_ht) AS CA_total_du_mois_Octobre_2008
-> FROM COMMANDE
-> WHERE date_commande between '2008-10-01' and '2008-10-31' ;
```

```
+-----+
| CA_total_du_mois_Octobre_2008 |
+-----+
| 1447.50 |
+-----+
1 row in set (0.02 sec)
```

```
mysql> SELECT nom, sum(total_ht) AS CA_de_chaque_vendeur_du_mois_Octobre_2008
-> FROM COMMANDE C, VENDEUR V
-> WHERE C.code_v = V.code_v
-> AND date_commande between '2008-10-01' and '2008-10-31'
-> GROUP BY nom;
```

```
+-----+
| nom | CA_de_chaque_vendeur_du_mois_Octobre_2008 |
+-----+
| BAUDOT Marc | 461.50 |
| FILLARD Sylvain | 986.00 |
+-----+
2 rows in set (0.02 sec)
```

8, 10 et 11 : Pour la 11 on doit créer un nouveau champ code_commission dans la table VENDEUR qui est clé étrangère en référence à code de COMMISSION ; On utilise donc l'ALTER TABLE pour modifier la structure d'une table existante.

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```
mysql> SELECT date_commande, Sum(total_ht) AS Liste_des_CA_quotidiens_supérieur_à_300
-> FROM commande
-> GROUP BY date_commande
-> HAVING Sum(total_ht)>300;
```

| date_commande | Liste_des_CA_quotidiens_supérieur_à_300 |
|---------------|---|
| 2008-10-10 | 374.00 |
| 2008-10-11 | 409.00 |
| 2008-10-13 | 422.50 |

3 rows in set (0.00 sec)

```
mysql> CREATE TABLE commission (
-> code integer primary key,
-> libelle_commission varchar(40),
-> commission_versee integer);
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> ALTER TABLE vendeur
-> ADD code_commission INTEGER not null references commission(code);
Query OK, 2 rows affected (0.03 sec)
Enregistrements: 2 Doublons: 0 Avertissements: 0
```

```
mysql> ALTER TABLE vendeur ADD INDEX (code_commission);
Query OK, 2 rows affected (0.03 sec)
Enregistrements: 2 Doublons: 0 Avertissements: 0
```

```
mysql> ALTER TABLE vendeur ADD CONSTRAINT fk_vendeur_commission
-> FOREIGN KEY (code_commission) REFERENCES commission(code);
Query OK, 2 rows affected (0.03 sec)
Enregistrements: 2 Doublons: 0 Avertissements: 0
```

```
mysql> _
```

12 et 13 :

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```
mysql> SELECT designation, IF(descriptif = 'G',
-> IF(quantite = 500, prix_unitaire_ht*2, prix_unitaire_ht),
-> IF(quantite=25 AND poids_piece=20, prix_unitaire_ht*2,
-> IF(quantite=25 AND poids_piece=40, prix_unitaire_ht,
-> IF(quantite=40 AND poids_piece=15, (prix_unitaire_ht*(10/6)),
-> IF(quantite=15 AND poids_piece=50, prix_unitaire_ht*4*1/3, prix_unitaire_ht )))) AS Prix_au_kg
-> FROM produit;
```

| designation | Prix_au_kg |
|-----------------------------|------------|
| FEU DE JOIE LIQUEUR ASSORT. | 46.00 |
| TENDRE FRUIT | 36.00 |
| CARACAO | 49.00 |
| COKTAIL | 66.00 |
| ORFIN | 64.00 |
| CARRE PECTO | 58.00 |
| ZAN ALESAN | 30.00 |
| PATES GRISES | 70.00 |
| CARAMEL AU LAIT | 40.00 |
| VIOLETTE TRADITION | 50.00 |
| SUCETTE BOULE FRUIT | 14.00 |
| SUCETTE BOULE POP | 21.00 |
| CARAMBAR | 30.000000 |
| CARANOUGA | 30.000000 |
| CARAMBAR FRUIT | 30.000000 |
| CARAMBAR COLA | 30.000000 |
| SOURIS REGLISSE | 48.00 |
| SOURIS CHOCO | 48.00 |
| SCHTROUMPFS VERTS | 48.00 |
| CROCODILE | 42.00 |
| PERSICA | 56.00 |
| COLA CITRIQUE | 42.00 |
| COLA LISSE | 50.00 |
| BANANE | 23.00 |
| OEUF SUR LE PLAT | 50.00 |
| FRAISIBUS | 50.00 |
| FRAISE TSOIN-TSOIN | 50.00 |
| METRE REGLISSE ROULE | 38.00 |
| MAXI COCOBAT | 19.00 |
| DENTS VAMPIRE | 44.00 |
| LANGUE COLA CITRIQUE | 42.00 |
| OURSON CANDI | 21.00 |
| SERPENT ACIDULE | 42.00 |
| TETINE CANDI | 40.00 |

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| | |
|------------------|-----------|
| TETINE CANDI | 40.00 |
| COLLIER PECCOS | 28.000000 |
| TWIST ASSORTIS | 44.00 |
| OURSON GUIMAUVE | 70.00 |
| BOULE COCO MULER | 68.00 |
| COCOMALLOW | 66.00 |
| CRIC-CRAC | 66.00 |

40 rows in set (0.00 sec)

```
mysql> SELECT sum(((descriptif='G')*quantite*stock) + ((descriptif='P')*quantite*poids_piece*stock)) / 1000 AS Poids_total_du_stock_en_kg
-> FROM produit;
```

| Poids_total_du_stock_en_kg |
|----------------------------|
| 1144.5000 |

1 row in set (0.00 sec)

mysql> _

14, 15 et 16 :

```
mysql> select code_c AS Le_code_du_client_qui_a_passé_la_commande_la_plus_chère
-> from commande where total_ht = (select max(total_ht) from commande );
+-----+
| Le_code_du_client_qui_a_passé_la_commande_la_plus_chère |
+-----+
| 60 |
+-----+
1 row in set (0.00 sec)

mysql> select nom AS_Nom_du_client_qui_a_passé_la_commande_la_plus_chère
-> from client , commande
-> where client.code_c = commande.code_c
-> AND total_ht = (select max(total_ht) from commande );
+-----+
| AS_Nom_du_client_qui_a_passé_la_commande_la_plus_chère |
+-----+
| BOUCHE Carole |
+-----+
1 row in set (0.00 sec)

mysql> SELECT designation AS Produits_du_même_prix_que_les_FRAISIBUS
-> FROM PRODUIT
-> WHERE prix_unitaire_ht IN (select prix_unitaire_ht from produit where designation = 'fraisibus');
+-----+
| Produits_du_même_prix_que_les_FRAISIBUS |
+-----+
| VIOLETTE TRADITION |
| COLA LISSE |
| OEUF SUR LE PLAT |
| FRAISIBUS |
| FRAISE TSOIN-TSOIN |
+-----+
5 rows in set (0.00 sec)
```