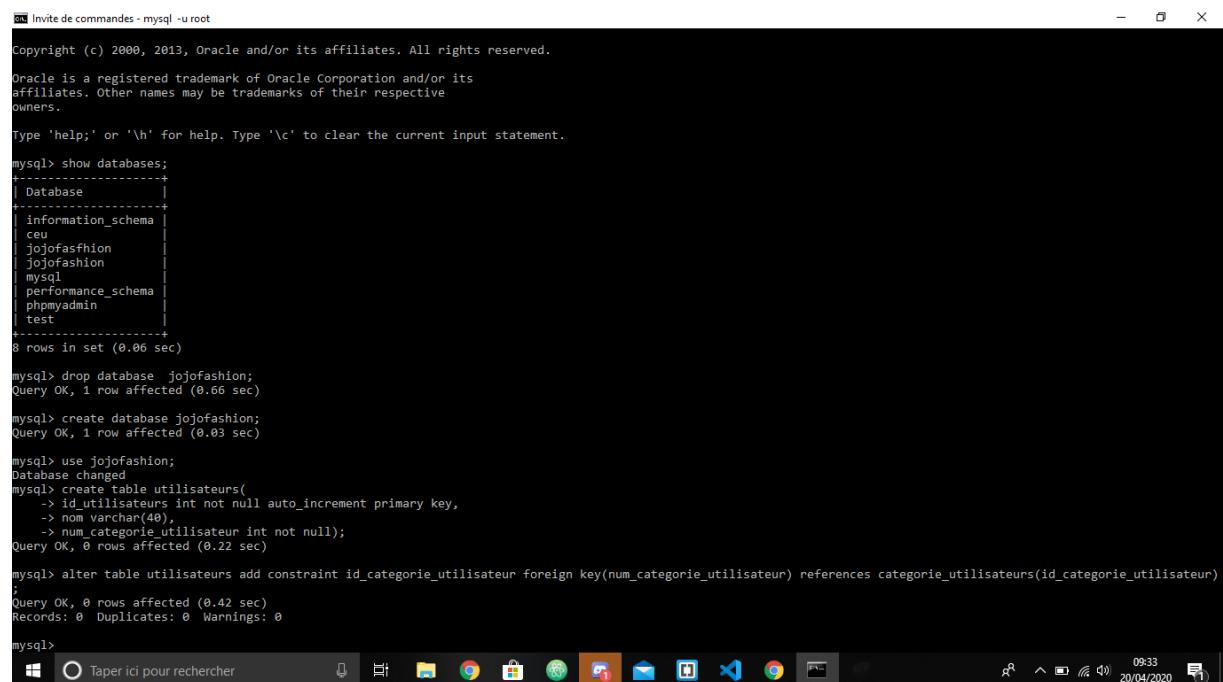


**Sarah**

**Lisangola**

## **Créer une base de données avec une seule table sans tenir compte des associations multi tables**

### **1.La requête pour créer la base de données avec le langage SQL**



```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| ceuv |
| jojofashion |
| jojofashion |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
8 rows in set (0.00 sec)

mysql> drop database jojofashion;
Query OK, 1 row affected (0.66 sec)

mysql> create database jojofashion;
Query OK, 1 row affected (0.03 sec)

mysql> use jojofashion;
Database changed
mysql> create table utilisateurs(
    -> id_utilisateur int not null auto_increment primary key,
    -> nom varchar(40),
    -> num_categorie_utilisateur int not null);
Query OK, 0 rows affected (0.22 sec)

mysql> alter table utilisateurs add constraint id_categorie_utilisateur foreign key(num_categorie_utilisateur) references categorie_utilisateurs(id_categorie_utilisateur)
;
Query OK, 0 rows affected (0.42 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql>
```

## 2.La requête pour créer des tables

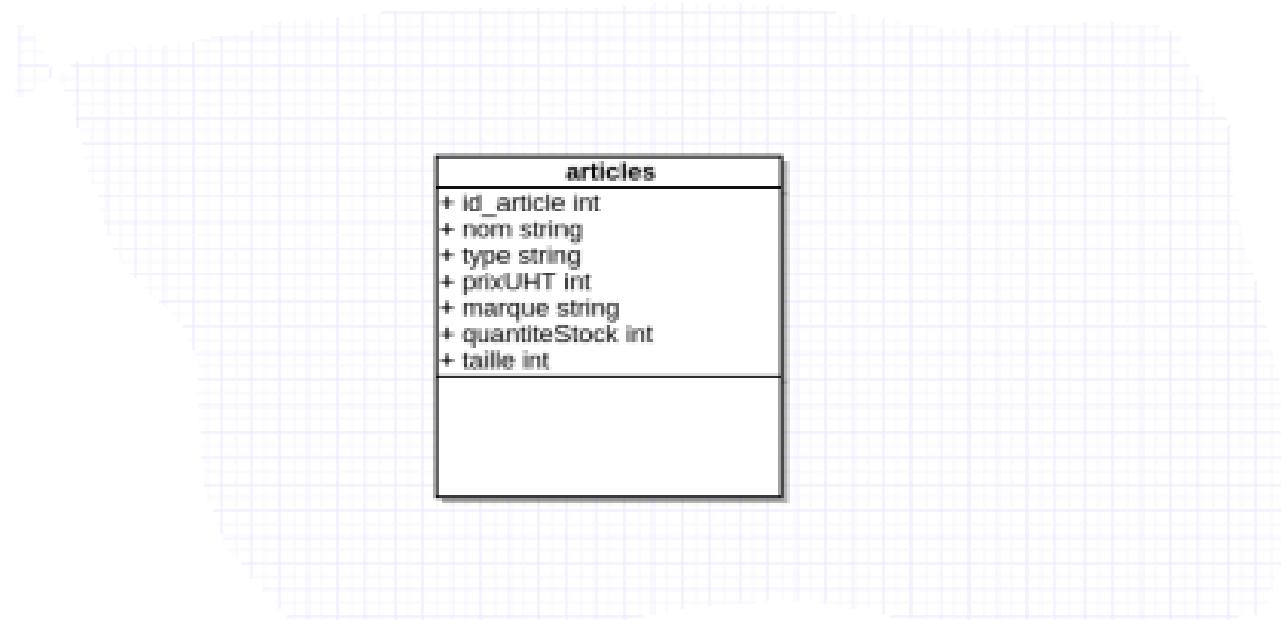
```
OK invite de commandes - mysql -u root
| jojofashion
| mysql
| performance_schema
| phpmyadmin
| test
+-----+
8 rows in set (0.00 sec)

mysql> use jojofashion
Database changed
mysql> create table articles(
    -> id_article int not null auto_increment,
    -> nom varchar(40) not null,
    -> type varchar(40) not null,
    -> prixUHT int(60) not null,
    -> marque varchar(40) not null,
    -> quantiteStock int(60) not null,
    -> taille int(60) not null,
    -> primary key (id_article));
Query OK, 0 rows affected (0.33 sec)

mysql> show tables;
+-----+
| Tables_in_jojofashion |
+-----+
| articles              |
+-----+
1 row in set (0.03 sec)

mysql> describe articles;
+-----+
| Field      | Type       | Null | Key | Default | Extra          |
+-----+
| id_article | int(11)   | NO   | PRI | NULL    | auto_increment
| nom        | varchar(40) | NO   |     | NULL    |
| type       | varchar(40) | NO   |     | NULL    |
| prixUHT    | int(60)   | NO   |     | NULL    |
| marque     | varchar(40) | NO   |     | NULL    |
| quantiteStock | int(60) | NO   |     | NULL    |
| taille     | int(60)   | NO   |     | NULL    |
+-----+
7 rows in set (0.07 sec)

mysql>
```



### 3.La requête pour l'insertion des données

```
Invité de commandes - mysql -u root
mysql> insert into my_articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyF' at line 1
mysql> insert into my_articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyfriend',15,'levis',45,42);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'articles (nom,t
ype,prixUHT,marque,quantiteStock,taille) values ('pantalon','boy' at line 1
mysql> insert into articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('boyfriend','pantalon',15,'levis',45,42);
Query OK, 1 row affected (0.07 sec)

mysql> insert into articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('denudes','haut',20,'zara',45,23);
Query OK, 1 row affected (0.02 sec)

mysql> select * from articles;
+-----+-----+-----+-----+-----+-----+
| id_article | nom | type | prixUHT | marque | quantiteStock | taille |
+-----+-----+-----+-----+-----+-----+
| 1 | boyfriend | pantalon | 15 | levis | 45 | 42 |
| 2 | denudes | haut | 20 | zara | 45 | 23 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> update articles set marque = 'marque article',quantiteStock = 20 where id_article = 1;
Query OK, 1 row affected (0.10 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from articles;
+-----+-----+-----+-----+-----+-----+
| id_article | nom | type | prixUHT | marque | quantiteStock | taille |
+-----+-----+-----+-----+-----+-----+
| 1 | boyfriend | pantalon | 15 | marque article | 20 | 42 |
| 2 | denudes | haut | 20 | zara | 45 | 23 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> delete from articles where id_article = 1;
Query OK, 1 row affected (0.01 sec)

mysql> select * from articles;
+-----+-----+-----+-----+-----+-----+
| id_article | nom | type | prixUHT | marque | quantiteStock | taille |
+-----+-----+-----+-----+-----+-----+
| 2 | denudes | haut | 20 | zara | 45 | 23 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

### 4.La requête pour la modification des données

```
Sélection Invité de commandes - mysql -u root
+-----+-----+-----+-----+-----+-----+
| nom | varchar(40) | NO | | NULL |
| type | varchar(40) | NO | | NULL |
| prixUHT | int(60) | NO | | NULL |
| marque | varchar(40) | NO | | NULL |
| quantiteStock | int(60) | NO | | NULL |
| taille | int(60) | NO | | NULL |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.07 sec)

mysql> insert into my_articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyFriend',15,'levis',45,42);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'articles (nom,t
ype,prixUHT,marque,quantiteStock,taille) values ('pantalon','boy' at line 1
mysql> insert into my_articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyfriend',15,'levis',45,42);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'articles (nom,t
ype,prixUHT,marque,quantiteStock,taille) values ('pantalon','boy' at line 1
mysql> insert into articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('boyfriend','pantalon',15,'levis',45,42);
Query OK, 1 row affected (0.07 sec)

mysql> insert into articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('denudes','haut',20,'zara',45,23);
Query OK, 1 row affected (0.02 sec)

mysql> select * from articles;
+-----+-----+-----+-----+-----+-----+
| id_article | nom | type | prixUHT | marque | quantiteStock | taille |
+-----+-----+-----+-----+-----+-----+
| 1 | boyfriend | pantalon | 15 | levis | 45 | 42 |
| 2 | denudes | haut | 20 | zara | 45 | 23 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> update articles set marque = 'marque article',quantiteStock = 20 where id_article = 1;
Query OK, 1 row affected (0.10 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from articles;
+-----+-----+-----+-----+-----+-----+
| id_article | nom | type | prixUHT | marque | quantiteStock | taille |
+-----+-----+-----+-----+-----+-----+
| 1 | boyfriend | pantalon | 15 | marque article | 20 | 42 |
| 2 | denudes | haut | 20 | zara | 45 | 23 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
```

### 5.La requête pour la suppression des enregistrements

```

mysql> Invité de commandes - mysql -u root
mysql> insert into my_articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyF' at line 1
mysql> insert into my_articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyfriend',15,'levis',45,42);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'articles (nom,
type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boy' at line 1
mysql> insert into articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('boyfriend','pantalon',15,'levis',45,42);
Query OK, 1 row affected (0.07 sec)

mysql> insert into articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('denudes','haut',20,'zara',45,23);
Query OK, 1 row affected (0.02 sec)

mysql> select * from articles;
+----+-----+-----+-----+-----+-----+
| id_article | nom | type | prixUHT | marque | quantiteStock | taille |
+----+-----+-----+-----+-----+-----+
| 1 | boyfriend | pantalon | 15 | levis | 45 | 42 |
| 2 | denudes | haut | 20 | zara | 45 | 23 |
+----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> update articles set marque = 'marque article',quantiteStock = 20 where id_article = 1;
Query OK, 1 row affected (0.10 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from articles;
+----+-----+-----+-----+-----+-----+
| id_article | nom | type | prixUHT | marque | quantiteStock | taille |
+----+-----+-----+-----+-----+-----+
| 1 | boyfriend | pantalon | 15 | marque article | 20 | 42 |
| 2 | denudes | haut | 20 | zara | 45 | 23 |
+----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> delete from articles where id_article = 1;
Query OK, 1 row affected (0.01 sec)

mysql> select * from articles;
+----+-----+-----+-----+-----+-----+
| id_article | nom | type | prixUHT | marque | quantiteStock | taille |
+----+-----+-----+-----+-----+-----+
| 2 | denudes | haut | 20 | zara | 45 | 23 |
+----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>

```

## 6.La requête pour lister tous les articles

```

mysql> Sélection Invité de commandes - mysql -u root
+-----+-----+-----+-----+-----+-----+
| nom | varchar(48) | NO | | NULL | |
| type | varchar(48) | NO | | NULL | |
| prixUHT | int(60) | NO | | NULL | |
| marque | varchar(48) | NO | | NULL | |
| quantiteStock | int(60) | NO | | NULL | |
| taille | int(60) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.07 sec)

mysql> insert into my_articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyFriend',15,'levis',45,42);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'articles (nom,
type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyF' at line 1
mysql> insert into my_articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyfriend',15,'levis',45,42);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'articles (nom,
type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boy' at line 1
mysql> insert into articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('boyfriend','pantalon',15,'levis',45,42);
Query OK, 1 row affected (0.07 sec)

mysql> insert into articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('denudes','haut',20,'zara',45,23);
Query OK, 1 row affected (0.02 sec)

mysql> select * from articles;
+----+-----+-----+-----+-----+-----+
| id_article | nom | type | prixUHT | marque | quantiteStock | taille |
+----+-----+-----+-----+-----+-----+
| 1 | boyfriend | pantalon | 15 | levis | 45 | 42 |
| 2 | denudes | haut | 20 | zara | 45 | 23 |
+----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> update articles set marque = 'marque article',quantiteStock = 20 where id_article = 1;
Query OK, 1 row affected (0.10 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from articles;
+----+-----+-----+-----+-----+-----+
| id_article | nom | type | prixUHT | marque | quantiteStock | taille |
+----+-----+-----+-----+-----+-----+
| 1 | boyfriend | pantalon | 15 | marque article | 20 | 42 |
| 2 | denudes | haut | 20 | zara | 45 | 23 |
+----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>

```

## 7.La requête pour la suppression des articles contenant la chaîne ‘b’

```
mysql Invité de commandes - mysql -u root
+-----+-----+-----+-----+
| taille | int(60) | NO   | NULL  |
+-----+-----+-----+-----+
7 rows in set (0.04 sec)

mysql> select * from articles;
+-----+-----+-----+-----+-----+-----+
| id_article | nom      | type    | prixUHT | marque  | quantiteStock | taille |
+-----+-----+-----+-----+-----+-----+
| 2          | denudes  | haut    | 20      | zara    | 45        | 23     |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> insert into articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('haute','blouse',25,'mango',5,26);
Query OK, 1 row affected (0.00 sec)

mysql> select * from articles;
+-----+-----+-----+-----+-----+-----+
| id_article | nom      | type    | prixUHT | marque  | quantiteStock | taille |
+-----+-----+-----+-----+-----+-----+
| 2          | denudes  | haut    | 20      | zara    | 45        | 23     |
| 3          | haute    | blouse  | 25      | mango   | 5         | 26     |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> delete from articles where id_article = 2;
Query OK, 1 row affected (0.00 sec)

mysql> select * from articles;
+-----+-----+-----+-----+-----+-----+
| id_article | nom      | type    | prixUHT | marque  | quantiteStock | taille |
+-----+-----+-----+-----+-----+-----+
| 3          | haute    | blouse  | 25      | mango   | 5         | 26     |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select * from articles where type like '%b%';
+-----+-----+-----+-----+-----+-----+
| id_article | nom      | type    | prixUHT | marque  | quantiteStock | taille |
+-----+-----+-----+-----+-----+-----+
| 3          | haute    | blouse  | 25      | mango   | 5         | 26     |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.11 sec)

mysql>
```

