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## 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

```
Invite de commandes - mysql -u root

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| ceu |
| jojofasfhion |
| jojofashion |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
8 rows in set (0.06 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_utilisateurs 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

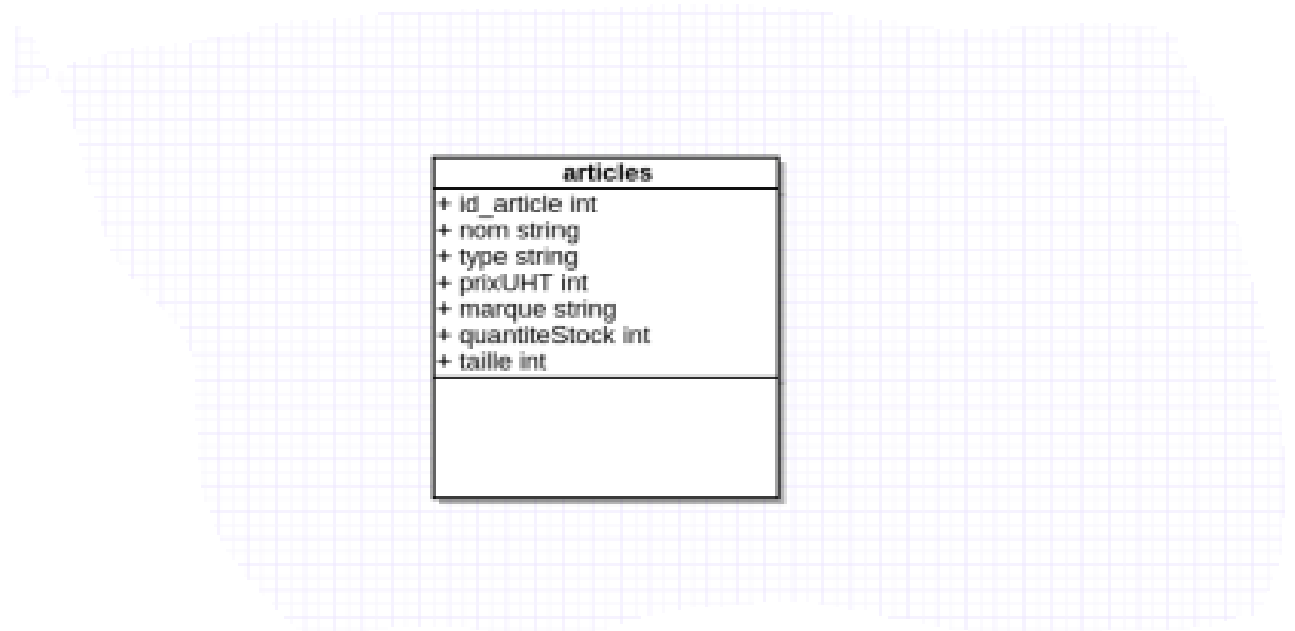
```
Invite de commandes - mysql -u root
mysql
performance_schema
phpmyadmin
test
-----
8 rows in set (0.00 sec)

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

```
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','boyf' 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

```
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> 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','boyf' at line 1
mysql> insert into 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','boyf' 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

```
Invite de commandes - mysql -u root

mysql> insert into my articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyf' at line 1
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
mysql> insert into my articles (nom,type,prixUHT,marque,quantiteStock,taille) values ('pantalon','boyf' at line 1
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

```
Sélection Invite 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
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
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'

```
Invite 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>
```

