DUGELAY BTS SNIR

Enzo

Rapport Docker

On ouvre Git Bash en mode administrateur

Puis on créé un fichier docker-compose.yml

Ensuite avec nano docker-compose on rentre ce texte

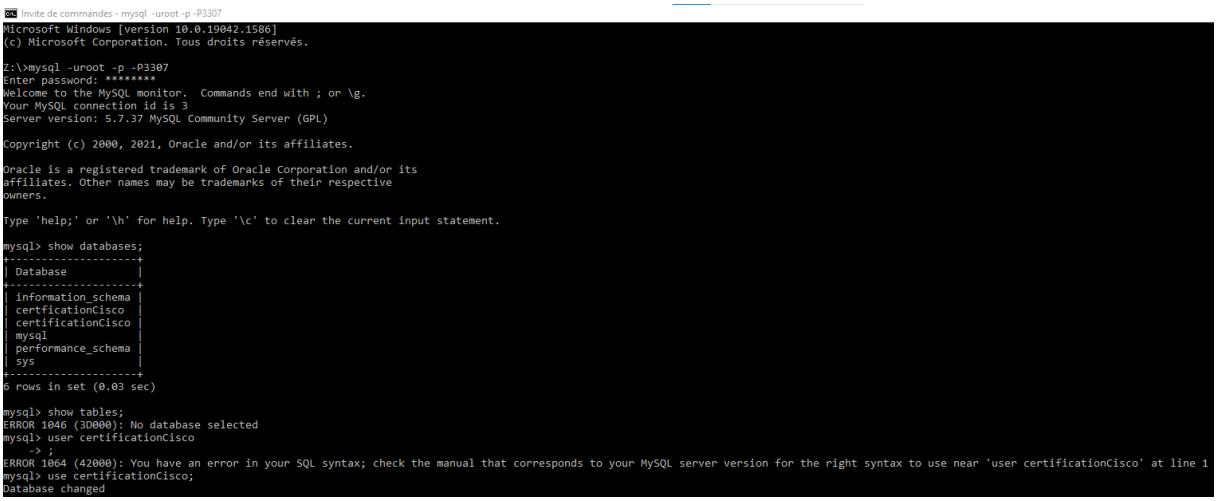
MINGW64:/d/dugelaye.SNIRW/JLMarquette/Sequence_05/TD_S

```
  GNU nano 3.2

version: '3.3'
services:
 db:
  image: mysql:5.7
  restart: always
  ports:
   - '3307:3306'
  environment:
   MYSQL_DATABASE: 'certificationCisco'
   MYSQL_ROOT_PASSWORD: 'password'
   MYSQL_ROOT_HOST: '%'
   MYSQL_USER: 'admin'
   MYSQL_USER_HOST: '%'
   MYSQL_USER_PASSWORD: 'password'
  expose:
   - '3307'
  volumes:
   - ./mysql:/var/lib/mysql
```

On fait docker-compose down puis docker-compose up pour vérifier que tout fonctionne

```
SNIR-P156+tpsniry@SNIR-P156 MINGW64 /d/dugelaye.SNIRW/JLMarquette/Sequence_05/TD_Seance_01
$ docker-compose down
Container td_seance_01-db-1  Stopping
Container td_seance_01-db-1  Stopping
Container td_seance_01-db-1  Stopped
Container td_seance_01-db-1  Removing
Container td_seance_01-db-1  Removed
Network td_seance_01_default  Removing
Network td_seance_01_default  Removed

SNIR-P156+tpsniry@SNIR-P156 MINGW64 /d/dugelaye.SNIRW/JLMarquette/Sequence_05/TD_Seance_01
$ docker-compose up
Network td_seance_01_default  Creating
Network td_seance_01_default  Created
Container td_seance_01-db-1  Creating
Container td_seance_01-db-1  Created
Attaching to td_seance_01-db-1
```

Ensuite on doit créer une base de données, on ouvre l'invité de commande puis on récupère la base de données certificationCisco



On supprime etudiants dans la base de données puis on le recréer et on ajoute l'étudiant Jean-François Marquette

```
mysql> create table etudiants(
    -> id smallint unsigned not null auto_increment,
    -> nom char(50) not null,
    -> prenom char(60) not null,
    -> primary key(id)
    -> )
    -> ;
Query OK, 0 rows affected (0.06 sec)

mysql> alter table etudiants add
    -> mail char(60);
Query OK, 0 rows affected (0.09 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table etudiants add
    -> tel char(60);
Query OK, 0 rows affected (0.09 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> Insert into etudiants value (1, "MARQUETT","Jean-François","jfmarquette@yahoo.com","0611253366");
Query OK, 1 row affected (0.01 sec)

mysql> select * from etudiants
    -> ;
+----+----------+---------------+-----------------------+------------+
| id | nom      | prenom        | mail                  | tel        |
+----+----------+---------------+-----------------------+------------+
|  1 | MARQUETT | Jean-François | jfmarquette@yahoo.com | 0611253366 |
+----+----------+---------------+-----------------------+------------+
1 row in set (0.00 sec)
```

Et on rajoute 2 étudiants

```
mysql> insert into etudiants (nom, prenom) values
    -> ("Dugelay", "Enzob"),
    -> ("Bonegro", "Romeo");
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> select * from etudiants;
+----+----------+---------------+-----------------------+------------+
| id | nom      | prenom        | mail                  | tel        |
+----+----------+---------------+-----------------------+------------+
|  1 | MARQUETT | Jean-François | jfmarquette@yahoo.com | 0611253366 |
|  2 | Dugelay  | Enzob         | NULL                  | NULL       |
|  3 | Bonegro  | Romeo         | NULL                  | NULL       |
+----+----------+---------------+-----------------------+------------+
3 rows in set (0.00 sec)
```