

Tp 1 SQL

qst 1 à 6 :

```
root@dev-web:/home/devadmin# mariadb
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 32
Server version: 10.5.19-MariaDB-0+deb11u2 Debian 11

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> grant all privileges on *.* to 'admindlr'@localhost identified by 'azerty';
Query OK, 0 rows affected (0,010 sec)

MariaDB [(none)]> flush privileges ;
Query OK, 0 rows affected (0,001 sec)

MariaDB [(none)]> quit;
Bye
root@dev-web:/home/devadmin# exit
exit
devadmin@dev-web:~$ ls
Bureau  Documents  Images  Modèles  Musique  Public  Téléchargements  Vidéos
devadmin@dev-web:~$ mkdir B1-SQL
devadmin@dev-web:~$ cd B1-SQL/
devadmin@dev-web:~/B1-SQL$ git clone https://github.com/dev-HR/dlr-bd.git
Clonage dans 'dlr-bd'...
remote: Enumerating objects: 9, done.
remote: Total 9 (delta 0), reused 0 (delta 0), pack-reused 9
Réception d'objets: 100% (9/9), fait.
Résolution des deltas: 100% (1/1), fait.
devadmin@dev-web:~/B1-SQL$ ls
dlr-bd
devadmin@dev-web:~/B1-SQL$
```

qst 9-10 :

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GNU nano 5.4 dlr.sql *
drop database if exists dlrBouguera ;
create database dlrBouguera ;

use dlrBouguera ;

create table emplacement (
    num_emplacement integer not null ,
    nom_emplacement char(4) ,
    type_emplacement varchar(50) ,
    capacite_emplacement smallint ,
    prix_emplacement numeric(6,2) ,
    primary key(num_emplacement)
) ;

create table pension (
    type_pension integer not null ,
    designation varchar(30) ,
    prix_pension decimal(5,2) ,
    primary key(type_pension)
) ;

create table client (
    num_client integer not null ,
    nom_client varchar(30) not null ,
    prenom_client varchar(30) not null ,
    adresse_client varchar(200) ,
    code_postal_client char(5) ,
    ville_client varchar(50) ,
    nb_personnes int ,
    duree_location int ,
    date_courrier date ,
    montant_acompte numeric(10,0) default 0 ,
    num_emplacement integer not null ,
    type_pension integer ,
    num_semaine_arrivee integer ,

```

^G Aide ^O Écrire ^W Chercher ^K Couper ^T Exécuter ^C Emplacement M-U Annu
 ^X Quitter ^R Lire fich. ^\ Remplacer ^U Coller ^J Justifier ^_ Aller ligne M-E Refa.

qst 11 et 12 :

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Enter password:
ERROR 1698 (28000): Access denied for user 'admidlr'@'localhost'
devadmin@dev-web:~/B1-SQL/dlr-bd$ mariadb -h localhost -u admindlr -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 36
Server version: 10.5.19-MariaDB-0+deb11u2 Debian 11

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> source dlr.sql;
Query OK, 0 rows affected, 1 warning (0.001 sec)

Query OK, 1 row affected (0.001 sec)

Database changed
Query OK, 0 rows affected (0.018 sec)

Query OK, 0 rows affected (0.018 sec)

Query OK, 0 rows affected (0.013 sec)

Query OK, 0 rows affected (0.011 sec)

Query OK, 1 row affected (0.001 sec)

Query OK, 1 row affected (0.001 sec)

```

qst 13,14,15 :

```

MariaDB [dlrBouguera]> show databases
-> ;
+-----+
| Database |
+-----+
| dlrBouguera |
| information_schema |
| mysql |
| performance_schema |
+-----+
4 rows in set (0,001 sec)

MariaDB [dlrBouguera]> use dlrBouguera
Database changed
MariaDB [dlrBouguera]> use dlrBouguera;
Database changed
MariaDB [dlrBouguera]> show tables;
+-----+
| Tables_in_dlrBouguera |
+-----+
| client |
| determine |
| emplacement |
| pension |
+-----+
4 rows in set (0,001 sec)

MariaDB [dlrBouguera]> █

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qst 16 , 17 , 18 :

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devadmin@dev-web: ~/B1-SQL/dlr-bd

4 rows in set (0,001 sec)

MariaDB [dlrBouguera]> select * from pension ;
+-----+-----+-----+
| type_pension | designation | prix_pension |
+-----+-----+-----+
| 1 | Pension complete | 32.00 |
| 2 | Demi-Pension midi | 13.50 |
| 3 | Demi-Pension soir | 12.50 |
+-----+-----+-----+
3 rows in set (0,001 sec)

MariaDB [dlrBouguera]> desc pension ;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| type_pension | int(11) | NO | PRI | NULL | |
| designation | varchar(30) | YES | | NULL | |
| prix_pension | decimal(5,2) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0,646 sec)

MariaDB [dlrBouguera]> slect * from pension \G
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server \
 * from pension' at line 1
MariaDB [dlrBouguera]> select * from pension \G
***** 1. row *****
type_pension: 1
designation: Pension complete
prix_pension: 32.00
***** 2. row *****
type_pension: 2
designation: Demi-Pension midi
prix_pension: 13.50
***** 3. row *****
type_pension: 3
designation: Demi-Pension soir
prix_pension: 12.50
3 rows in set (0,001 sec)

MariaDB [dlrBouguera]> █

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qst 19 : nom_emplacement

MariaDB [dlrBouguera]> select * from emplacement ;

num_emplacement	nom_emplacement	type_emplacement	capacite_emplacement	prix_emplacement
1	A01	Appartement	4	550.00
2	A02	Appartement	4	550.00
3	A03	Appartement	4	550.00
4	A04	Appartement	4	550.00
5	A05	Appartement	4	550.00
6	A06	Appartement	8	990.00
7	A07	Appartement	8	990.00
8	A08	Appartement	6	770.00
9	A09	Appartement	6	770.00
10	A010	Appartement	6	770.00
11	A011	Appartement	6	770.00
12	A012	Appartement	6	770.00
13	A013	Appartement	6	770.00
14	A014	Appartement	6	770.00
15	A015	Appartement	6	770.00
16	A11	Appartement	4	550.00
17	A12	Appartement	4	550.00
18	A13	Appartement	4	550.00
19	A14	Appartement	4	550.00
20	A15	Appartement	4	550.00
21	A16	Appartement	8	990.00
22	A17	Appartement	8	990.00
23	A18	Appartement	6	770.00
24	A19	Appartement	6	770.00
25	A110	Appartement	6	770.00
26	A111	Appartement	6	770.00
27	A112	Appartement	6	770.00
28	A113	Appartement	6	770.00
29	A114	Appartement	6	770.00
30	A115	Appartement	6	770.00
31	A21	Appartement	4	660.00
32	A22	Appartement	4	660.00
33	A23	Appartement	4	660.00
34	A24	Appartement	4	660.00

qst 20, 21:

MariaDB [dlrBouguera]> select * from emplacement ;

num_emplacement	nom_emplacement	type_emplacement	capacite_emplacement	prix_emplacement
1	A01	Appartement	4	550.00
2	A02	Appartement	4	550.00
3	A03	Appartement	4	550.00
4	A04	Appartement	4	550.00
5	A05	Appartement	4	550.00
6	A06	Appartement	8	990.00
7	A07	Appartement	8	990.00
8	A08	Appartement	6	770.00
9	A09	Appartement	6	770.00
10	A010	Appartement	6	770.00
11	A011	Appartement	6	770.00
12	A012	Appartement	6	770.00
13	A013	Appartement	6	770.00
14	A014	Appartement	6	770.00
15	A015	Appartement	6	770.00
16	A11	Appartement	4	550.00
17	A12	Appartement	4	550.00
18	A13	Appartement	4	550.00
19	A14	Appartement	4	550.00
20	A15	Appartement	4	550.00
21	A16	Appartement	8	990.00
22	A17	Appartement	8	990.00
23	A18	Appartement	6	770.00
24	A19	Appartement	6	770.00
25	A110	Appartement	6	770.00
26	A111	Appartement	6	770.00
27	A112	Appartement	6	770.00
28	A113	Appartement	6	770.00
29	A114	Appartement	6	770.00
30	A115	Appartement	6	770.00
31	A21	Appartement	4	660.00
32	A22	Appartement	4	660.00
33	A23	Appartement	4	660.00
34	A24	Appartement	4	660.00

qst 22 :

devadmin@dev-web: ~

MariaDB [dlrBouguera]> select * from client
-> ;

num_client	nom_client	prenom_client	adresse_client	code_postal_client	ville_client	nb_personnes	duree_location	date_courrier
montant_acompte	num_emplacement	type_pension	num_semaine_arrivee					
3-21	1	LAMBERT	Jean	13 avenue du General de Gaulle	81000	CASTRES	7	3 2021-0
	2	VENAT	Laure	1 bis rue des Peupliers	14000	CAEN	4	1 2021-0
3-21	3	COUVANT	Laurent	4 avenue KLEBER	94130	NOGENT SUR MARNE	3	2 2021-0
3-22	4	HUYS	Didier	20 rue de Niepce	59000	LILLE	1	1 2021-0
3-22	5	MOREIRA	Pablo	5 rue Joffre	14000	CAEN	8	2 2021-0
3-22	6	HANOT	Sebastien	31 impasse Miroton	27000	DREUX	6	2 2021-0
3-23	7	FONTAINE	jean	43 allée guynemer	14110	CONDE SUR NOIREAU	6	2 2021-0

7 rows in set (0,001 sec)

MariaDB [dlrBouguera]> desc client ;

Field	Type	Null	Key	Default	Extra
num_client	int(11)	NO	PRI	NULL	
nom_client	varchar(30)	NO		NULL	
prenom_client	varchar(30)	NO		NULL	
adresse_client	varchar(200)	YES		NULL	
code_postal_client	char(5)	YES		NULL	
ville_client	varchar(50)	YES		NULL	
nb_personnes	int(11)	YES		NULL	
duree_location	int(11)	YES		NULL	
date_courrier	date	YES		NULL	
montant_acompte	decimal(10,0)	YES		0	
num_emplacement	int(11)	NO	MUL	NULL	
type_pension	int(11)	YES	MUL	NULL	