

HERE IS THE SOME COMMAND LAB :-(select ,where clause, create, drop database & table, count)

The image displays two screenshots of the MySQL Workbench interface, demonstrating SQL queries and their results.

Top Screenshot:

- Query 1:**

```
1 USE world;
2 select * FROM city;
```
- Result Grid:**

ID	Name	CountryCode	District	Population
1	Kabul	AFG	Kabul	1780000
2	Qandahar	AFG	Qandahar	237500
3	Herat	AFG	Herat	186800
4	Mazar-e-Sharif	AFG	Balkh	127800
5	Amsterdam	NLD	Noord-Holland	731200
6	Rotterdam	NLD	Zuid-Holland	593321
7	Haag	NLD	Zuid-Holland	440900
- Information Panel:**

Table: city

Columns:

 - ID: int, AI, PK
 - Name: char(255)
 - CountryCode: char(3)
 - District: char(20)
 - Population: int

Bottom Screenshot:

- Query 1:**

```
1 USE world;
2 select * FROM country;
```
- Result Grid:**

Code	Name	Continent	Region
ABW	Aruba	North America	Caribbean
AFG	Afghanistan	Asia	Southern and Central Asia
AGO	Angola	Africa	Central Africa
AIA	Anguilla	North America	Caribbean
ALB	Albania	Europe	Southern Europe
AND	Andorra	Europe	Southern Europe
- Information Panel:**

Table: city

Columns:

 - ID: int, AI, PK
 - Name: char(255)
 - CountryCode: char(3)
 - District: char(20)
 - Population: int

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sakila
 sys
 world
 Tables
 city
 Columns
 Indexes
 Foreign Keys
 Triggers
 country
 countrylanguage
 Views
 Stored Procedures
 Functions

Query 1

```
1 USE world;  
2 select NAME, Continent FROM country;
```

Result Grid

NAME	Continent
Aruba	North America
Afghanistan	Asia
Angola	Africa
Anguilla	North America
Albania	Europe
Andorra	Europe
Netherlands Antilles	North America

Information

Table: city

Columns:

Column	Type
ID	int AI PK
Name	char(255)
CountryCode	char(3)
District	char(20)
Population	int

Object Info Session

Administration Schemas

country 3

Read Only

Output

Action Output

#	Time	Action
14	13:08:28	USE world
15	13:08:28	select * FROM country LIMIT 0, 1000
16	13:12:03	USE world
17	13:12:03	select NAME, Continent, surface FROM country LIMIT 0, 1000
18	13:12:44	USE world
19	13:12:44	select NAME, Continent FROM country LIMIT 0, 1000

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sakila
 sys
 world
 Tables
 city
 Columns
 Indexes
 Foreign Keys
 Triggers
 country
 countrylanguage
 Views
 Stored Procedures
 Functions

Query 1

```
1 USE world;  
2 select distinct Continent FROM country;
```

Result Grid

Continent
North America
Asia
Africa
Europe
South America
Oceania
Antarctica

Information

Table: city

Columns:

Column	Type
ID	int AI PK
Name	char(255)
CountryCode	char(3)
District	char(20)
Population	int

Object Info Session

Administration Schemas

country 4

Read Only

Output

Action Output

#	Time	Action
16	13:12:03	USE world
17	13:12:03	select NAME, Continent, surface FROM country LIMIT 0, 1000
18	13:12:44	USE world
19	13:12:44	select NAME, Continent FROM country LIMIT 0, 1000
20	13:15:52	USE world
21	13:15:52	select distinct Continent FROM country LIMIT 0, 1000

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sakila
sys
world

Tables

city

Columns
Indexes
Foreign Keys
Triggers

country
countrylanguage
Views
Stored Procedures
Functions

Query 1

Limit to 1000 rows

```
1 USE world;
2 select count(distinct Continent) FROM country;
```

Result Grid

	count(distinct Continent)
1	7

Administration Schemas

Information

Table: city

Columns:

ID int AI PK
Name char(
CountryCode char(
District char(
Population int

Object Info Session

Output

Action Output

#	Time	Action
18	13:12:44	USE world
19	13:12:44	select NAME, Continent FROM country LIMIT 0, 1000
20	13:15:52	USE world
21	13:15:52	select distinct Continent FROM country LIMIT 0, 1000
22	13:17:26	USE world
23	13:17:27	select count(distinct Continent) FROM country LIMIT 0, 1000

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sakila
sys
world

Tables

city

Columns
Indexes
Foreign Keys
Triggers

country
countrylanguage
Views
Stored Procedures
Functions

Query 1

Limit to 1000 rows

```
1 USE world;
2 select Name FROM country
3 WHERE Continent = 'asia';
```

Result Grid

	Name
1	Afghanistan
2	United Arab Emirates
3	Armenia
4	Azerbaijan
5	Bangladesh
6	Bahrain
7	Brunei

Administration Schemas

Information

Table: city

Columns:

ID int AI PK
Name char(
CountryCode char(
District char(
Population int

Object Info Session

Output

Action Output

#	Time	Action
20	13:15:52	USE world
21	13:15:52	select distinct Continent FROM country LIMIT 0, 1000
22	13:17:26	USE world
23	13:17:27	select count(distinct Continent) FROM country LIMIT 0, 1000
24	13:22:02	USE world
25	13:22:02	select Name FROM country WHERE Continent = 'asia' LIMIT 0, 1000

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sakila
sys
world

Tables

city

Columns
Indexes
Foreign Keys
Triggers

country
countrylanguage

Views
Stored Procedures
Functions

Query 1 x

Limit to 1000 rows

```
1 USE world;
2 select Name, SurfaceArea FROM country
3 order by SurfaceArea;
```

Result Grid

Name	SurfaceArea
Holy See (Vatican City State)	0.40
Monaco	1.50
Gibraltar	6.00
Tokelau	12.00
Cocos (Keeling) Islands	14.00
United States Minor Outlying Islands	16.00
Macao	18.00

Administration Schemas

Information

Table: city

Columns:

ID int AI PK
Name char(
CountryCode char(
District char(
Population int

Object Info Session

Output

Action Output

#	Time	Action
22	13:17:26	USE world
23	13:17:27	select count(distinct Continent) FROM country LIMIT 0, 1000
24	13:22:02	USE world
25	13:22:02	select Name FROM country WHERE Continent = 'asia' LIMIT 0, 1000
26	13:26:31	USE world
27	13:26:31	select Name, SurfaceArea FROM country order by SurfaceArea LIMIT 0, 1000

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sakila
sys
world

Tables

city

Columns
Indexes
Foreign Keys
Triggers

country
countrylanguage

Views
Stored Procedures
Functions

Query 1 x

Limit to 1000 rows

```
1 USE world;
2 select Name, SurfaceArea FROM country
3 order by SurfaceArea DESC;
```

Result Grid

Name	SurfaceArea
Russian Federation	17075400.00
Antarctica	13120000.00
Canada	9970610.00
China	9572900.00
United States	9363520.00
Brazil	8547403.00
Australia	7741220.00

Administration Schemas

Information

Table: city

Columns:

ID int AI PK
Name char(
CountryCode char(
District char(
Population int

Object Info Session

Output

Action Output

#	Time	Action	Message
24	13:22:02	USE world	0 row(s) affected
25	13:22:02	select Name FROM country WHERE Continent = 'asia' LIMIT 0, 1000	51 row(s) returned
26	13:26:31	USE world	0 row(s) affected
27	13:26:31	select Name, SurfaceArea FROM country order by SurfaceArea LIMIT 0, 1000	239 row(s) returned
28	13:27:02	USE world	0 row(s) affected
29	13:27:02	select Name, SurfaceArea FROM country order by SurfaceArea DESC LIMIT 0, 1000	239 row(s) returned

Automatic context help is current ca

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - wipro1
 - Views
 - Stored Procedures
 - Functions
- world

Administration Schemas

Information

Schema: wipro

Query 1 x

```

1 • USE wipro;
2 • create table wipro1
3   (RollNo int,
4   Name varchar(255));

```

Limit to 1000 rows

Output

Action Output

#	Time	Action
28	13:27:02	USE world
29	13:27:02	select Name, SurfaceArea FROM country order by SurfaceArea DESC LIMIT 0,
30	13:48:02	create database Wipro
31	13:50:01	create table wipro1 (RollNo int, Name varchar(255))
32	13:51:41	USE wipro
33	13:51:41	create table wipro1 (RollNo int, Name varchar(255))

Object Info Session

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - person
 - wipro1
 - Views
 - Stored Procedures
 - Functions
- world

Administration Schemas

Information

Schema: wipro

Query 1 x

```

1 • USE wipro;
2 • create table person
3   (RollNo int,
4   firstName varchar(255),
5   lastName varchar(255),
6   address varchar(255),
7   city varchar(255));

```

Limit to 1000 rows

SQLAdditions

Automatic c

Context Help Snippe

Output

Action Output

#	Time	Action
30	13:48:02	create database Wipro
31	13:50:01	create table wipro1 (RollNo int, Name varchar(255))
32	13:51:41	USE wipro
33	13:51:41	create table wipro1 (RollNo int, Name varchar(255))
34	15:01:08	USE wipro
35	15:01:08	create table person (RollNo int, firstName varchar(255), lastName varchar(255), address varc...

Object Info Session

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- ▶ sakila
- ▶ sys
- ▼ wipro
 - ▼ Tables
 - ▶ person
 - Views
 - Stored Procedures
 - Functions
- ▶ world

Query 1 x

Limit to 1000 rows

```
1 • USE wipro;  
2 • drop table wipro1;
```

Administration Schemas

Information

Schema: wipro

Object Info Session

Output

Action Output

#	Time	Action
✓ 34	15:01:08	USE wipro
✓ 35	15:01:08	create table person (RollNo int, firstName varchar(255), lastName varchar(255), a
✓ 36	15:02:53	USE wipro
✗ 37	15:02:53	drop database wipro1
✓ 38	15:03:33	USE wipro
✓ 39	15:03:33	drop table wipro1