

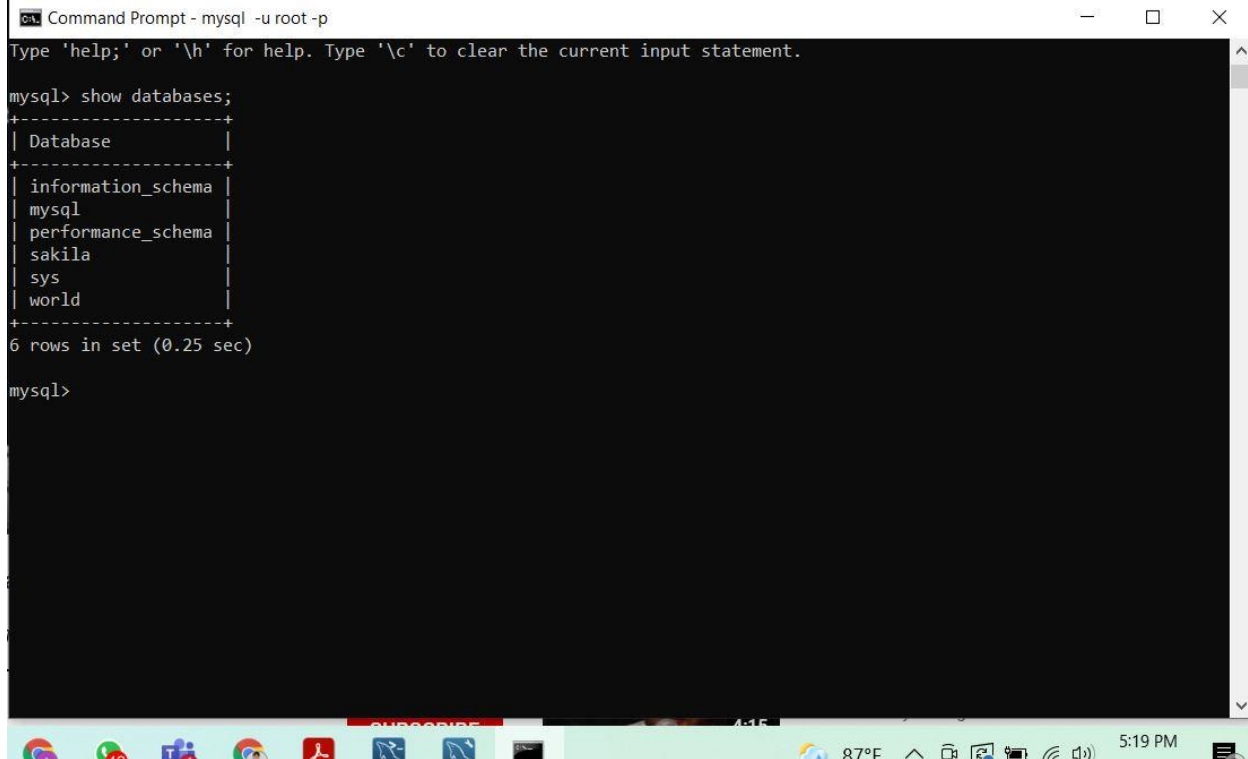
Department of Computer Engineering
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CO226-Database Systems

Lab-04

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E number- E/18/375

1)



Command Prompt - mysql -u root -p

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

```
mysql> show databases;
```

Database
information_schema
mysql
performance_schema
sakila
sys
world

6 rows in set (0.25 sec)

```
mysql>
```

The screenshot shows a Windows Command Prompt window titled "Command Prompt - mysql -u root -p". The prompt displays the output of the "show databases;" command, which lists six databases: information_schema, mysql, performance_schema, sakila, sys, and world. The output is formatted as a table with a header row "Database" and a body with six rows. Below the table, it says "6 rows in set (0.25 sec)". The prompt then shows "mysql>" on a new line. The Windows taskbar is visible at the bottom, showing the time as 5:19 PM and the temperature as 87°F.

2)



```
mysql> create database BookShop;
```

Query OK, 1 row affected (0.09 sec)

```
mysql>
```

The screenshot shows a MySQL command prompt window. The prompt displays the output of the "create database BookShop;" command, which is "Query OK, 1 row affected (0.09 sec)". The prompt then shows "mysql>" on a new line.

3)

```
Command Prompt - mysql -u root -p
mysql> use BookShop;
Database changed
mysql>
```

4)

```
Command Prompt - mysql -u root -p
mysql> use BookShop;
Database changed
mysql> create table Book(BookID char(5),Title varchar(50),Author varchar(30),Category int,Price decimal(8,2),PubID char(6));
Query OK, 0 rows affected (0.80 sec)

mysql>
```

5)

```
mysql> describe book;
```

Field	Type	Null	Key	Default	Extra
BookID	char(5)	YES		NULL	
Title	varchar(50)	YES		NULL	
Author	varchar(30)	YES		NULL	
Category	int	YES		NULL	
Price	decimal(8,2)	YES		NULL	
PubID	char(6)	YES		NULL	

```
6 rows in set (0.08 sec)
```

6)

```
Command Prompt - mysql -u root -p
mysql> use BookShop;
Database changed
mysql> create table Publisher(PubID char(6),PublisherName varchar(30),RegisteredDate date,Country varchar(15));
Query OK, 0 rows affected (0.39 sec)

mysql>
```

7)

```
Command Prompt - mysql -u root -p
mysql> use BookShop;
Database changed
mysql> create table Publisher(PubID char(6),PublisherName varchar(30),RegisteredDate date,Country varchar(15));
Query OK, 0 rows affected (0.39 sec)

mysql> describe Publisher
-> ;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| PubID          | char(6)       | YES  |     | NULL    |       |
| PublisherName  | varchar(30)   | YES  |     | NULL    |       |
| RegisteredDate | date          | YES  |     | NULL    |       |
| Country        | varchar(15)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.29 sec)

mysql>
```

8)

```
mysql> drop table book;
Query OK, 0 rows affected (1.33 sec)

mysql> show tables;
+-----+
| Tables_in_bookshop |
+-----+
| publisher           |
+-----+
1 row in set (0.08 sec)

mysql>
```

9)

```
mysql> drop database BookShop;  
Query OK, 1 row affected (0.53 sec)
```

```
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| mysql |  
| performance_schema |  
| sakila |  
| sys |  
| world |  
+-----+  
6 rows in set (0.11 sec)
```