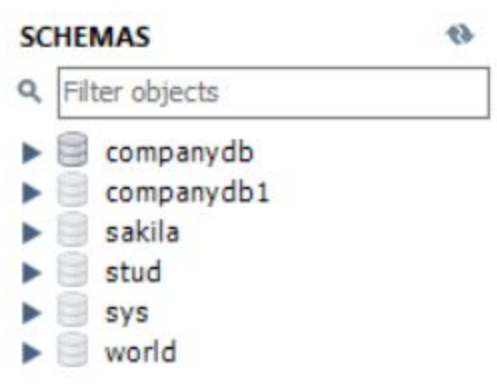


Group-7  
DBMS ASSIGNMENT-3

**1. SHOW HOW TO CREATE AND DROP DATABASE.**

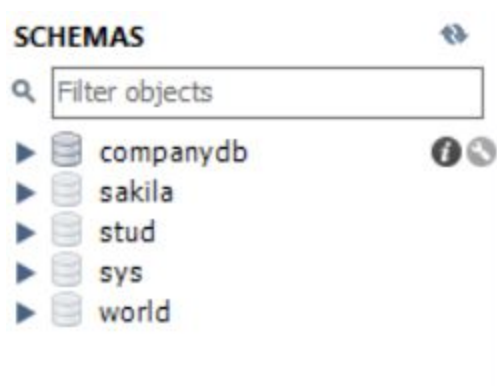
```
1 • CREATE DATABASE Companydb1;|
2
```

RESULT AFTER CREATING:

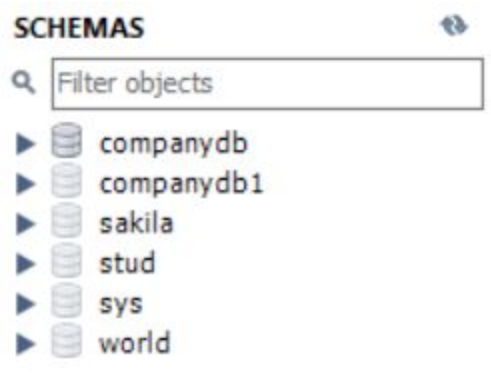


```
2 • DROP DATABASE companydb1;
```

RESULT AFTER DROPPING:



## 2. SHOW ALL THE DATABASES ARE IN THE SYSTEM.



## 3. CREATE TABLE FOR YOUR DATABASE.



```
3 • CREATE TABLE Employee(  
4     Employee_id SMALLINT NOT NULL PRIMARY KEY,  
5     `First Name` VARCHAR(45),  
6     `Last Name` VARCHAR(45),  
7     DoB DATE,  
8     Salary INT  
9 );  
10 • DESCRIBE Employee;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

Field	Type	Null	Key	Default	Extra
Employee_id	smallint	NO	PRI	NULL	
First Name	varchar(45)	YES		NULL	
Last Name	varchar(45)	YES		NULL	
DoB	date	YES		NULL	
Salary	int	YES		NULL	

#### 4. SHOW HOW SELECT CAN BE USED FOR CREATING TABLE.

```
10 • CREATE TABLE Manager AS( SELECT * FROM Employee);
11 • DESCRIBE Manager;
12
```

result Grid    Filter Rows: <input type="text"/>   Export:    Wrap Cell Content					
Field	Type	Null	Key	Default	Extra
Employee_id	smallint	NO		HULL	
First Name	varchar(45)	YES		HULL	
Last Name	varchar(45)	YES		HULL	
DoB	date	YES		HULL	
Salary	int	YES		HULL	

#### 5. DROP TABLE.

```
11 • DROP TABLE Manager;
12 • DESCRIBE Manager;
```

34 18:05:53 DESCRIBE Manager Error Code: 1146. Table 'companydb1.manager' doesn't exist

## 6. SHOW HOW TO CHECK THE SCHEMA OF THE TABLES.

18 • `DESCRIBE Employee;`

<

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	Field	Type	Null	Key	Default	Extra
▶	Employee_id	smallint	NO	PRI	NULL	
	First Name	varchar(45)	YES		NULL	
	Last Name	varchar(45)	YES		NULL	
	DoB	date	YES		NULL	
	Salary	int	YES		NULL	
	Branch_id	smallint	YES	MUL	NULL	

## 7. SHOW ALL THE TABLES FROM THE DATABASE.

22 • `SHOW TABLES;`

<




Result Grid | Filter Rows: |

	Tables_in_companydb1
▶	branch
	employee

## 8.INSERT 5-10 ROWS IN EACH OF THE TABLES IN YOUR DATABASE.

```
23 • INSERT INTO Branch VALUES
24     (01, 'Scranton', 'Pennsylvania'),
25     (02, 'Corporate', 'New York'),
26     (03, 'Nashua', 'New Hampshire'),
27     (04, 'Stamford', 'Connecticut'),
28     (05, 'Utica', 'New York');
29
30 • SELECT * FROM Branch;
```

<






Result Grid   Filter Rows:  Edit: 

	Branch_id	Branch Name	Location
▶	1	Scranton	Pennsylvania
	2	Corporate	New York
	3	Nashua	New Hampshire
	4	Stamford	Connecticut
	5	Utica	New York
*	NULL	NULL	NULL

```

29 • INSERT INTO Employee VALUES
30     (101, 'Michael', 'Scott', '1970-03-15', 150500, 01),
31     (102, 'Jan', 'Levinson', '1971-12-10', 250000, 02),
32     (103, 'Andy', 'Bernard', '1975-09-20', 90000, 04),
33     (104, 'Karen', 'Filipelli', '1980-08-19', 95000, 05),
34     (105, 'Jim', 'Halpert', '1978-10-01', 90000, 01);
35 • SELECT * FROM Employee;

```


Result Grid						
Filter Rows: <input type="text"/>						
Edit:   						
Export/Import:  						
	Employee_id	First Name	Last Name	DoB	Salary	Branch_id
▶	101	Michael	Scott	1970-03-15	150500	1
	102	Jan	Levinson	1971-12-10	250000	2
	103	Andy	Bernard	1975-09-20	90000	4
	104	Karen	Filipelli	1980-08-19	95000	5
	105	Jim	Halpert	1978-10-01	90000	1
✱	NULL	NULL	NULL	NULL	NULL	NULL

## 9. SHOW USAGE OF SIMPLE SELECT STATEMENT.

```

36 • SELECT `First Name`, Salary FROM Employee;

```

Result Grid		
Filter Rows: <input type="text"/>		
Export: 		
	First Name	Salary
▶	Michael	150500
	Jan	250000
	Andy	90000
	Karen	95000
	Jim	90000

## 10. SELECT STATEMENT USING RELATIONAL AND LOGICAL OPERATORS.

```
37 • SELECT * FROM Employee WHERE Employee.Salary<100000;
```

Employee_id	First Name	Last Name	DoB	Salary	Branch_id
103	Andy	Bernard	1975-09-20	90000	4
104	Karen	Filipelli	1980-08-19	95000	5
105	Jim	Halpert	1978-10-01	90000	1
NULL	NULL	NULL	NULL	NULL	NULL

```
38 • SELECT * FROM Branch WHERE Location='New York' OR Location='Pennsylvania';
```

Branch_id	Branch Name	Location
1	Scranton	Pennsylvania
2	Corporate	New York
5	Utica	New York
NULL	NULL	NULL

## 11. ONE SIMPLE SUBQUERY USING SELECT.

```
39 -- Gives names of employees working in New York
40 • SELECT `First Name`
41 FROM Employee
42 WHERE Branch_id IN (SELECT Branch_id FROM Branch WHERE Location='New York');
```

First Name
Jan
Karen