

Practical No.1

Database Creation, Table Creation & DDL commands

Enter password: ****

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 11

Server version: 8.0.31 MySQL Community Server - GPL

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

```
mysql> Create Database College;
Query OK, 1 row affected (0.03 sec)
```

```
mysql> Show Databases;
```

Database
a
atharva
bba
bca
bca1
bhagya
bhum1
bhumika
college
earth
emp
first
giam
gimr
information_schema
lina
mba
moon
mysql

36 rows in set (0.06 sec)

```
mysql> Use College;
Database changed
```

```
mysql> Create Table Employee(Emp_ID int Primary Key, Name varchar(50), Department
varchar(40), Age int, Contact_No varchar(15));
Query OK, 0 rows affected (0.07 sec)
```

```
mysql> Desc Employee;
```

Field	Type	Null	Key	Default	Extra
Emp_ID	int	NO	PRI	NULL	
Name	varchar(50)	YES		NULL	

Department	varchar(40)	YES		NULL		
Age	int	YES		NULL		
Contact_No	varchar(15)	YES		NULL		

5 rows in set (0.03 sec)

```
mysql> Insert into Employee Values(01,'Mohit','Account', 26,'9856473328');
Query OK, 1 row affected (0.03 sec)
```

```
mysql> Insert into Employee (Emp_ID, Name, Department, Age , Contact_No) Values
(02,'Danish','Production',35,'7566873401'),(03,'Shilpa','HRM',45,'8478667701'),
(04,'Ramesh','Quality Control',49,'8845665589'),
(05,'Khushi','CRM',38,'9845763809');
Query OK, 4 rows affected (0.00 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

```
mysql> Select * From Employee;
```

Emp_ID	Name	Department	Age	Contact_No
1	Mohit	Account	26	9856473328
2	Danish	Production	35	7566873401
3	Shilpa	HRM	45	8478667701
4	Ramesh	Quality Control	49	8845665589
5	Khushi	CRM	38	9845763809

5 rows in set (0.00 sec)

```
mysql> Drop Database a;
```

Query OK, 1 row affected (0.04 sec)

```
mysql> Show Databases;
```

Database
atharva
bba
bca
bca1
bhagya
bhum
bhumika
college
earth
emp
first
giam
gimr
information_schema
lina
mba
moon
mysql

35 rows in set (0.00 sec)

Drop

```
mysql> ALTER TABLE Employee DROP Address;
```

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> ALTER TABLE Employee DROP Department;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> DROP TABLE Employee;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> Select * From Employee;
+-----+-----+-----+-----+
| Emp_ID | Name   | Age  | Contact_No |
+-----+-----+-----+-----+
| 1      | Mohit  | 26   | 9856473328 |
| 2      | Danish | 35   | 7566873401 |
| 3      | Shilpa | 45   | 8478667701 |
| 4      | Ramesh | 49   | 8845665589 |
| 5      | Khushi | 38   | 9845763809 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
RENAME
mysql> RENAME TABLE Employee TO Company;
Query OK, 0 rows affected (0.01 sec)
mysql> Select * From Employee;
ERROR 1146 (42S02): Table 'spark.employee' doesn't exist
```

```
mysql> Select * From Company;
+-----+-----+-----+-----+
| Emp_ID | Name   | Age  | Contact_No |
+-----+-----+-----+-----+
| 1      | Mohit  | 26   | 9856473328 |
| 2      | Danish | 35   | 7566873401 |
| 3      | Shilpa | 45   | 8478667701 |
| 4      | Ramesh | 49   | 8845665589 |
| 5      | Khushi | 38   | 9845763809 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
TRUNCATE
mysql> TRUNCATE Table Employee;
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> Select * From Employee;
Empty set (0.00 sec)
```

```
mysql> Desc Employee;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Emp_ID     | int           | NO   | PRI | NULL    |       |
| Name       | varchar(50)   | YES  |     | NULL    |       |
| Contact_No | varchar(15)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```