

Lab-3

Q-1

The screenshot shows a SQL script editor with two queries: `CREATE DATABASE University;` and `USE University;`. The output window on the right shows two successful actions:

#	Time	Action
1	06:44:30	CREATE DATABASE University
2	06:44:30	USE University

Q-2

The screenshot shows a SQL script editor with three queries: `CREATE DATABASE University;`, `USE University;`, and `CREATE TABLE Student (Roll_No CHAR(10), Name VARCHAR(20), Address VARCHAR(50), Age INT, Department VARCHAR(30));`. The output window shows the first two queries succeeded, but the third query failed with Error Code: 1064.

#	Time	Action	Message
2	06:44:30	USE University	0 row(s) affected
3	07:26:27	CREATE TABLE Student (Roll_No CHAR(10), Name VARCHAR(20), Address VARCH...	Error Code: 1064.
4	07:32:37	USE University	0 row(s) affected
5	07:32:44	CREATE TABLE Student (Roll_No CHAR(10), Name VARCHAR(20), Address VARCH...	0 row(s) affected

Q-3

```
11 • INSERT INTO Student (Roll_No, Name, Address, Age, Department) VALUES
12 ('11IT01', 'Kamran', 'Nawabshah', 23, 'IT'),
13 ('11IT02', 'Bilal', 'Hyderabad', 22, 'IT'),
14 ('11EE01', 'Irfan', 'Karachi', 23, 'EE'),
15 ('11CE01', 'Hina', 'Hyderabad', 22, 'CE');
```

Q-4

```
16
17 • ALTER TABLE Student
18 ADD F_Name VARCHAR(50);
19
```

Q-5

```
20 • ALTER TABLE Student
21 MODIFY Roll_No VARCHAR(10);
22
```

```
✓ 14 08:16:55 ALTER TABLE Student MODIFY Roll_No VARCHAR(10)
```

Q-6

```
23 • ALTER TABLE Student
24 DROP COLUMN F_Name;
--
```

Q-7

Part a, b and c have following error:

Error code 1175 in MySQL usually occurs when you're trying to execute an UPDATE or DELETE statement without a WHERE clause, and the SQL mode is set to safe mode. This is a precaution to prevent unintentional updates or deletions of all records in a table.

Part-D

```
✓ 46 09:23:24 DROP TABLE STUDENT
```

Part-E

```
✓ 47 09:24:25 DROP DATABASE UNIVERSITY
```