Task:

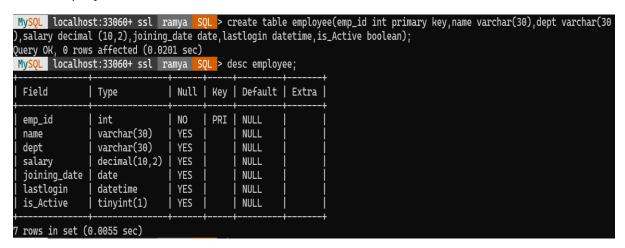
Create table practice all DDL commands using different data types like (DATE,DATETIME

DECIMAL)

Create a table employee

create table employee(emp_id int primary key,name varchar(30),dept varchar(30),salary decimal (10,2),joining_date date,lastlogin datetime,is_Active boolean);

desc employee;



Insert data into employee table

insert into employee values

- (1, 'Aarav', 'IT', 50000.75, '2023-05-10', '2024-01-15 10:45:00', TRUE),
- (2, 'Divya', 'HR', 45000.50, '2022-11-25', '2024-01-18 09:00:00', FALSE);

```
MySQL localhost:33060+ ssl ramya
                                           > insert into employee values (1, 'Aarav', 'IT', 50000.75, '2023-05-10', '2024-
01-15 10:45:00', TRUE),
                                          -> (2, 'Divya', 'HR', 45000.50, '2022-11-25', '2024-01-18 09:00:00', FALSE);
Query OK, 2 rows affected (0.0178 sec)
Records: 2 Duplicates: 0 Warnings: 0
MySQL localhost:33060+ ssl ramya
                                           > select * from employee;
 emp_id | name
                 | dept | salary
                                      joining_date | lastlogin
                                                                            | is_Active
                           50000.75
45000.50
                                                      2024-01-15 10:45:00
2024-01-18 09:00:00
                                      2023-05-10
           Aarav
                                                                                      1
0
          Divya
                                      2022-11-25
    vs in set (0.0018 sec)
```

Alter table-add, modify, drop

Alter table employee add email varchar(30);

Alter table employee modify salary decimal(12,1);

Alter table employee drop column email;

```
MySQL localhost:33060+ ssl ramya SQL > alter table employee add email varchar(30);
Query OK, 0 rows affected (0.0227 sec)
Records: 0 Duplicates: 0 Warnings: 0
MySQL localhost:33060+ ssl ramya SQL > alter table employee modify salary decimal(12,1); Query OK, 2 rows affected, 1 warning (0.0788 sec)
Records: 2 Duplicates: 0 Warnings: 1
Note (code 1265): Data truncated for column 'salary' at row 1
                                          > select * from employee;
MySQL localhost:33060+ ssl ramya
 emp_id | name
                          salary
                                     joining_date | lastlogin
                                                                            is Active
                                                                                        email
                   dept |
           Aarav
                           50000.8
                                     2023-05-10
                                                     2024-01-15 10:45:00
                                                                                        NULL
       1
                   ΙT
                                                                                    1
       2 |
           Divya
                   HR
                           45000.5
                                     2022-11-25
                                                     2024-01-18 09:00:00
                                                                                    0
                                                                                        NULL
2 rows in set (0.0014 sec)
MySQL localhost:33060+ ssl ramya SQL > alter table employee drop column email;
Query OK, 0 rows affected (0.0388 sec)
Records: 0 Duplicates: 0 Warnings: 0
MySQL localhost:33060+ ssl ramya
                                          > select * from employee;
 emp_id | name
                   dept |
                          salary
                                     joining_date |
                                                    lastlogin
                                                                          is_Active
                   TT
                           50000.8
                                     2023-05-10
                                                     2024-01-15 10:45:00
           Aarav
                                                     2024-01-18 09:00:00
           Divya
                   HR
                           45000.5
                                     2022-11-25
                                                                                    0
 rows in set (0.0013 sec)
```

Rename table:

Rename table employee to staff;

Truncate table: deletes data but keeps its structure

Truncate table staff;

Drop table: delete table.

Drop table staff;

```
MySQL localhost:33060+ ssl ramya SQL > rename table employee to staff;
Query OK, 0 rows affected (0.0381 sec)
MySQL localhost:33060+ ssl ramya SQL > truncate table staff;
Query OK, 0 rows affected (0.0568 sec)
MySQL localhost:33060+ ssl ramya SQL > select * from staff;
Empty set (0.0029 sec)
MySQL localhost:33060+ ssl ramya SQL > drop table staff;
Query OK, 0 rows affected (0.0368 sec)
MySQL localhost:33060+ ssl ramya SQL > select * from staff;
ERROR: 1146: Table 'ramya.staff' doesn't exist
```