

Experiment No. 3

Output:-

```
Activities Terminal Wed 3:47 PM computer@computer: ~
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(base) computer@computer:~$ sudo mysql -u root -p
[sudo] password for computer:
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 3
Server version: 5.7.42-0ubuntu0.18.04.1 (Ubuntu)

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owners.

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

mysql> use databases;
ERROR 1049 (42000): Unknown database 'databases'
mysql> use databases;
ERROR 1049 (42000): Unknown database 'databases'
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| 60_recipe |
| Hospital |
| LIBRARIES |
| Library |
| abhi |
| bank |
| durgesh |
| hospital |
| hotel |
| mysql |
| performance_schema |
| sys |
| tanvi |
+-----+

mysql> use mysql;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> create table flight
-> (f_id int(5) primary key;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 2
mysql> create table flight (f_id int(5) primary key
-> src varchar(10),
-> destination varchar(10),
-> arr_d varchar(10));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'src varchar(10),
destination varchar(10),
arr_d varchar(10))' at line 2
mysql> create table flight (f_id int(5) primary key, src varchar(10), destination varchar(10), arr_d varchar(10));
Query OK, 0 rows affected (0.01 sec)

mysql> desc flight;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| f_id | int(5) | NO | PRI | NULL | |
| src | varchar(10) | YES | | NULL | |
| destination | varchar(10) | YES | | NULL | |
| arr_d | varchar(10) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> Rename table flight to airlines;
Query OK, 0 rows affected (0.00 sec)

mysql> desc flight;
ERROR 1146 (42502): Table 'mysql.flight' doesn't exist
mysql> desc airlines;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| f_id | int(5) | NO | PRI | NULL | |
| src | varchar(10) | YES | | NULL | |
| destination | varchar(10) | YES | | NULL | |
| arr_d | varchar(10) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> alter table airlines add No_of_seats int(5)
-> ;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc airlines;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| f_id | int(5) | NO | PRI | NULL | |
| src | varchar(10) | YES | | NULL | |
| destination | varchar(10) | YES | | NULL | |
| arr_d | varchar(10) | YES | | NULL | |
| No_of_seats | int(5) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from airlines;
Empty set (0.00 sec)

mysql> alter table airlines
-> modify arr_d date;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'dates' at line 2
mysql> alter table airlines
-> modify arr_d date;
Query OK, 0 rows affected (0.02 sec)
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Activities Terminal Wed 3:48 PM computer@computer: ~
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-> modify arr_d date;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc airlines;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| f_id  | int(5) | NO | PRI | NULL | |
| src   | varchar(10) | YES | | NULL | |
| destination | varchar(10) | YES | | NULL | |
| arr_d | date | YES | | NULL | |
| No_of_seats | int(5) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> alter table airlines
-> drop column No_of_seats;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc airlines;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| f_id  | int(5) | NO | PRI | NULL | |
| src   | varchar(10) | YES | | NULL | |
| destination | varchar(10) | YES | | NULL | |
| arr_d | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select * from airlines;
Empty set (0.00 sec)

mysql> insert into airlines (f_id,src,destination,arr_d)
-> values (10,'Mumbai','Delhi','2022-05-15');
Query OK, 1 row affected (0.00 sec)

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mysql> insert into airlines (f_id,src,destination,arr_d)
-> values (10,'Mumbai','Delhi','2022-05-15');
Query OK, 1 row affected (0.00 sec)

mysql> select * from airlines;
+-----+-----+-----+-----+
| f_id | src | destination | arr_d |
+-----+-----+-----+-----+
| 10 | Mumbai | Delhi | 2022-05-15 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> truncate table airlines;
Query OK, 0 rows affected (0.01 sec)

mysql> desc airlines;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| f_id  | int(5) | NO | PRI | NULL | |
| src   | varchar(10) | YES | | NULL | |
| destination | varchar(10) | YES | | NULL | |
| arr_d | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select * from airlines;
Empty set (0.00 sec)

mysql> drop airlines;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use n
ear 'airlines' at line 1
mysql> drop table airlines;
Query OK, 0 rows affected (0.00 sec)

mysql> desc airlines;
ERROR 1146 (42502): Table 'mysql.airlines' doesn't exist
mysql>
```