

Experiment No. 4

Output:-

```
computer@computer-ThinkCentre: ~  
(base) computer@computer-ThinkCentre:~$ 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 8  
Server version: 8.0.40-0ubuntu0.22.04.1 (Ubuntu)  
  
Copyright (c) 2000, 2024, Oracle and/or its affiliates.  
  
Oracle is a registered trademark of Oracle Corporation and/or its  
affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| mysql |  
| performance_schema |  
| sys |  
+-----+  
4 rows in set (0.01 sec)  
  
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 airport(f_id int(5),source varchar(50),destination varchar(50),arrival_date int(5));  
Query OK, 0 rows affected, 2 warnings (0.03 sec)  
  
mysql> desc airport;  
+-----+-----+-----+-----+-----+-----+  
| Field | Type | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| f_id | int | YES | | NULL | |  
| source | varchar(50) | YES | | NULL | |  
| destination | varchar(50) | YES | | NULL | |  
| arrival_date | int | YES | | NULL | |  
+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.00 sec)  
  
mysql> insert into airport(f_id,source,destination,arrival_date) values (01,"Mumbai","Bangaluru","2025-01-24");  
ERROR 1265 (01000): Data truncated for column 'arrival_date' at row 1  
mysql> alter table airport modify arrival_date date;  
Query OK, 0 rows affected (0.06 sec)  
Records: 0 Duplicates: 0 Warnings: 0  
  
mysql> insert into airport(f_id,source,destination,arrival_date) values (01,"Mumbai","Bangaluru","2025-01-24");  
Query OK, 1 row affected (0.00 sec)  
  
mysql> insert into airport(f_id,source,destination,arrival_date) values (01,"Mumbai","London","2025-01-31");  
Query OK, 1 row affected (0.00 sec)
```



```
mysql> insert into airport(f_id,source,destination,arrival_date) values (01,"Mumbai","London","2025-01-31");
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into airport(f_id,source,destination,arrival_date) values (01,"New York","London","2025-02-06");
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into airport(f_id,source,destination,arrival_date) values (01,"Dubai","Delhi","2025-02-16");
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into airport(f_id,source,destination,arrival_date) values (01,"Los angeles","Monaco","2025-03-07");
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from airport;
```

```
+-----+-----+-----+-----+
| f_id | source      | destination | arrival_date |
+-----+-----+-----+-----+
| 1    | Mumbai     | Bangaluru  | 2025-01-24   |
| 1    | Mumbai     | London     | 2025-01-31   |
| 1    | New York   | London     | 2025-02-06   |
| 1    | Dubai      | Delhi      | 2025-02-16   |
| 1    | Los angeles | Monaco     | 2025-03-07   |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> select * from airport where f_id=1;
```

```
+-----+-----+-----+-----+
| f_id | source      | destination | arrival_date |
+-----+-----+-----+-----+
| 1    | Mumbai     | Bangaluru  | 2025-01-24   |
| 1    | Mumbai     | London     | 2025-01-31   |
| 1    | New York   | London     | 2025-02-06   |
| 1    | Dubai      | Delhi      | 2025-02-16   |
| 1    | Los angeles | Monaco     | 2025-03-07   |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> select source from airport where f_id=1
```

```
-> select source from airport where f_id=1;
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right
```

```
2
mysql> select source from airport where f_id=1;
```

```
+-----+
| source |
+-----+
| Mumbai |
| Mumbai |
| New York |
| Dubai  |
| Los angeles |
+-----+
5 rows in set (0.00 sec)
```

```
mysql> update airport set source="Switzerland" where f_id=1;
```

```
Query OK, 5 rows affected (0.01 sec)
```

```
Rows matched: 5 Changed: 5 Warnings: 0
```

```
mysql> select * from airport;
```

```
+-----+-----+-----+-----+
| f_id | source      | destination | arrival_date |
+-----+-----+-----+-----+
| 1    | Switzerland | Bangaluru  | 2025-01-24   |
| 1    | Switzerland | London     | 2025-01-31   |
| 1    | Switzerland | London     | 2025-02-06   |
| 1    | Switzerland | Delhi      | 2025-02-16   |
| 1    | Switzerland | Monaco     | 2025-03-07   |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> delete from airport where destination=Delhi;
```

```
ERROR 1054 (42S22): Unknown column 'Delhi' in 'where clause'
```

```
mysql> delete * from airport where destination=Delhi;
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version
```

```
mysql> delete from airport where destination="Delhi";
```

```
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from airport;
```

```
+-----+-----+-----+-----+
| f_id | source      | destination | arrival_date |
+-----+-----+-----+-----+
| 1    | Switzerland | Bangaluru  | 2025-01-24   |
| 1    | Switzerland | London     | 2025-01-31   |
| 1    | Switzerland | London     | 2025-02-06   |
| 1    | Switzerland | Monaco     | 2025-03-07   |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> █
```

