**Database and Tables for FLYAWAY Project using MYSQL**

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u root -p

Enter password: \*\*\*\*\*\*\*\*\*\*\*

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

Your MySQL connection id is 12

Server version: 8.0.31 MySQL Community Server - GPL

mysql> use flight\_reservation\_tracker

Database changed

mysql> show tables;

+--------------------------------------+

| Tables\_in\_flight\_reservation\_tracker |

+--------------------------------------+

| admin |

| airline |

| airport |

| customer |

| fare |

| flight |

| reservations |

+--------------------------------------+

7 rows in set (0.00 sec)

mysql> desc airport;

+--------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+--------------+------+-----+---------+-------+

| airport | varchar(155) | YES | | NULL | |

| country | varchar(155) | YES | | NULL | |

| country\_code | varchar(155) | YES | | NULL | |

| airport\_code | varchar(155) | YES | | NULL | |

+--------------+--------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

mysql> desc admin;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| admin\_id | int | YES | | NULL | |

| email | varchar(155) | YES | | NULL | |

| password | varchar(155) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

mysql> desc airport;

+--------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+--------------+------+-----+---------+-------+

| airport | varchar(155) | YES | | NULL | |

| country | varchar(155) | YES | | NULL | |

| country\_code | varchar(155) | YES | | NULL | |

| airport\_code | varchar(155) | YES | | NULL | |

+--------------+--------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

**mysql> insert into airport values('IGI Airport','India','IND','IGA');**

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

**mysql> insert into airport values('Dubai Airport','Dubai','DBA','DUBA');**

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

**mysql> insert into airport values('Nepal Airport','Nepal','NEP','NEPA');**

Query OK, 1 row affected (0.01 sec)

mysql> desc airline;

+-------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+--------------+------+-----+---------+-------+

| airlinetype | varchar(155) | YES | | NULL | |

+-------------+--------------+------+-----+---------+-------+

1 row in set (0.00 sec)

mysql> desc flight;

+-------------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------------+--------------+------+-----+---------+-------+

| airline | varchar(155) | YES | | NULL | |

| weekdays | varchar(155) | YES | | NULL | |

| src\_airport\_code | varchar(155) | YES | | NULL | |

| dest\_airport\_code | varchar(155) | YES | | NULL | |

+-------------------+--------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

**mysql> insert into flight values('Air Asia','MON\_TUE','IGA','NEPA');**

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

**mysql> insert into flight values('Indigo','WED\_THU','IGA','DUBA');**

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

**mysql> insert into flight values('GoFirst','FRI\_SAT','NEPA'**,'DUBA');

Query OK, 1 row affected (0.01 sec)

mysql> desc reservations;

+------------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------------+--------------+------+-----+---------+-------+

| booking\_id | int | YES | | NULL | |

| flight\_number | int | YES | | NULL | |

| class | varchar(155) | YES | | NULL | |

| travel\_date | date | YES | | NULL | |

| no\_of\_passengers | int | YES | | NULL | |

| total\_fare | double | YES | | NULL | |

| customer\_id | int | YES | | NULL | |

+------------------+--------------+------+-----+---------+-------+

7 rows in set (0.00 sec)

**mysql> insert into reservations (booking\_id,flight\_number,class,travel\_date,no\_of\_passengers,total\_fare,customer\_id) values(123,651,'BU',"2023-01-15",2,5000,321),(456,69,'EC',"2023-01-16",2,6000,632),(789,420,'BU',"2023-01-17",2,6500,535);**

Query OK, 3 rows affected (0.01 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> desc admin;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| admin\_id | int | YES | | NULL | |

| email | varchar(155) | YES | | NULL | |

| password | varchar(155) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

**mysql> insert into admin values(1,'satyamsksingh0096@gmail.com','Abc@123');**

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

**mysql> insert into admin values(1,'satya96@gmail.com','bc@123');**

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

mysql> desc airline;

+-------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+--------------+------+-----+---------+-------+

| airlinetype | varchar(155) | YES | | NULL | |

+-------------+--------------+------+-----+---------+-------+

1 row in set (0.00 sec)

**mysql> insert into airline values('Air Asia');**

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

**mysql> insert into airline values('Indigo');**

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

**mysql> insert into airline values('GoFirst');**

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

mysql> desc customer;

+-------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+--------------+------+-----+---------+-------+

| customer\_id | int | YES | | NULL | |

| first\_name | varchar(155) | YES | | NULL | |

| last\_name | varchar(155) | YES | | NULL | |

| email | varchar(155) | YES | | NULL | |

| password | varchar(155) | YES | | NULL | |

| phone | varchar(155) | YES | | NULL | |

+-------------+--------------+------+-----+---------+-------+

6 rows in set (0.01 sec)

**mysql> insert into customer values(321,'Satyam','Singh','ak09@gmail.com','Pk@0096','6205143846');**

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

**mysql> insert into customer values(632,'Sittu','Kumar','Prisk9@gmail.com','Sk@0096','7480036877');**

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

**mysql> insert into customer values(535,'Yash','Gupta','sittusk69@gmail.com','Sujisk@0096','9631458572');**

Query OK, 1 row affected (0.01 sec)

mysql> desc fare;

+---------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------------+--------------+------+-----+---------+-------+

| flight\_number | int | YES | | NULL | |

| class | varchar(155) | YES | | NULL | |

| fare | double | YES | | NULL | |

+---------------+--------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

**mysql> insert into fare values(651,'BU',5000);**

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

**mysql> insert into fare values(69,'EC',6000);**

**Query OK, 1 row affected (0.00 sec)**

**mysql> insert into fare values(420,'BU',6500);**

**Query OK, 1 row affected (0.00 sec)**

mysql> select \* from flight;

+----------+-----------------+------------------+-------------------+

| airline | weekdays | src\_airport\_code | dest\_airport\_code |

+----------+-----------------+------------------+-------------------+

| Air Asia | MON\_TUE | IGA | NEPA |

| Indigo | WED\_THU | IGA | DUBA |

| GoFirst | FRI\_SAT | NEPA | DUBA |

| Air | Sun | IGA | NEPA |

| Indigo | Sun\_Mon\_Tue\_Wed | IGA | NEPA |

+----------+-----------------+------------------+-------------------+

5 rows in set (0.00 sec)

**mysql> ALTER table flight ADD flight\_number int;**

**Query OK, 0 rows affected (0.02 sec)**

**Records: 0 Duplicates: 0 Warnings: 0**

mysql> desc flight;

+-------------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------------+--------------+------+-----+---------+-------+

| airline | varchar(155) | YES | | NULL | |

| weekdays | varchar(155) | YES | | NULL | |

| src\_airport\_code | varchar(155) | YES | | NULL | |

| dest\_airport\_code | varchar(155) | YES | | NULL | |

| flight\_number | int | YES | | NULL | |

+-------------------+--------------+------+-----+---------+-------+

5 rows in set (0.00 sec)

**mysql> insert into flight (flight\_number) values(651),(69),(420);**

Query OK, 3 rows affected (0.00 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> desc flight;

+-------------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------------+--------------+------+-----+---------+-------+

| airline | varchar(155) | YES | | NULL | |

| weekdays | varchar(155) | YES | | NULL | |

| src\_airport\_code | varchar(155) | YES | | NULL | |

| dest\_airport\_code | varchar(155) | YES | | NULL | |

| flight\_number | int | YES | | NULL | |

+-------------------+--------------+------+-----+---------+-------+

5 rows in set (0.00 sec)

mysql> select \* from flight;

+----------+-----------------+------------------+-------------------+---------------+

| airline | weekdays | src\_airport\_code | dest\_airport\_code | flight\_number |

+----------+-----------------+------------------+-------------------+---------------+

| Air Asia | MON\_TUE | IGA | NEPA | NULL |

| Indigo | WED\_THU | IGA | DUBA | NULL |

| GoFirst | FRI\_SAT | NEPA | DUBA | NULL |

| Air | Sun | IGA | NEPA | NULL |

| Indigo | Sun\_Mon\_Tue\_Wed | IGA | NEPA | NULL |

| NULL | NULL | NULL | NULL | 651 |

| NULL | NULL | NULL | NULL | 69 |

| NULL | NULL | NULL | NULL | 420 |

+----------+-----------------+------------------+-------------------+---------------+

8 rows in set (0.00 sec)

mysql> delete from flight where airline = 'NULL';

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from flight;

+----------+-----------------+------------------+-------------------+---------------+

| airline | weekdays | src\_airport\_code | dest\_airport\_code | flight\_number |

+----------+-----------------+------------------+-------------------+---------------+

| Air Asia | MON\_TUE | IGA | NEPA | NULL |

| Indigo | WED\_THU | IGA | DUBA | NULL |

| GoFirst | FRI\_SAT | NEPA | DUBA | NULL |

| Air | Sun | IGA | NEPA | NULL |

| Indigo | Sun\_Mon\_Tue\_Wed | IGA | NEPA | NULL |

| NULL | NULL | NULL | NULL | 651 |

| NULL | NULL | NULL | NULL | 69 |

| NULL | NULL | NULL | NULL | 420 |

+----------+-----------------+------------------+-------------------+---------------+

8 rows in set (0.00 sec)

mysql> delete from flight where airline = '';

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from flight;

+----------+-----------------+------------------+-------------------+---------------+

| airline | weekdays | src\_airport\_code | dest\_airport\_code | flight\_number |

+----------+-----------------+------------------+-------------------+---------------+

| Air Asia | MON\_TUE | IGA | NEPA | NULL |

| Indigo | WED\_THU | IGA | DUBA | NULL |

| GoFirst | FRI\_SAT | NEPA | DUBA | NULL |

| Air | Sun | IGA | NEPA | NULL |

| Indigo | Sun\_Mon\_Tue\_Wed | IGA | NEPA | NULL |

| NULL | NULL | NULL | NULL | 651 |

| NULL | NULL | NULL | NULL | 69 |

| NULL | NULL | NULL | NULL | 420 |

+----------+-----------------+------------------+-------------------+---------------+

8 rows in set (0.00 sec)

**mysql> delete from flight where flight\_number=651;**

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

**mysql> delete from flight where flight\_number=69;**

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

**mysql> delete from flight where flight\_number=420;**

Query OK, 1 row affected (0.01 sec)

mysql> select \* from flight;

+----------+-----------------+------------------+-------------------+---------------+

| airline | weekdays | src\_airport\_code | dest\_airport\_code | flight\_number |

+----------+-----------------+------------------+-------------------+---------------+

| Air Asia | MON\_TUE | IGA | NEPA | NULL |

| Indigo | WED\_THU | IGA | DUBA | NULL |

| GoFirst | FRI\_SAT | NEPA | DUBA | NULL |

| Air | Sun | IGA | NEPA | NULL |

| Indigo | Sun\_Mon\_Tue\_Wed | IGA | NEPA | NULL |

+----------+-----------------+------------------+-------------------+---------------+

5 rows in set (0.00 sec)

**mysql> delete from flight where airline=air;**

**ERROR 1054 (42S22): Unknown column 'air' in 'where clause'**

**mysql> delete from flight where airline='Air';**

Query OK, 1 row affected (0.01 sec)

mysql> select \* from flight;

+----------+-----------------+------------------+-------------------+---------------+

| airline | weekdays | src\_airport\_code | dest\_airport\_code | flight\_number |

+----------+-----------------+------------------+-------------------+---------------+

| Air Asia | MON\_TUE | IGA | NEPA | NULL |

| Indigo | WED\_THU | IGA | DUBA | NULL |

| GoFirst | FRI\_SAT | NEPA | DUBA | NULL |

| Indigo | Sun\_Mon\_Tue\_Wed | IGA | NEPA | NULL |

+----------+-----------------+------------------+-------------------+---------------+

4 rows in set (0.00 sec)

**mysql> delete from flight where airlin = 'Indigo' and dest\_airport\_code = 'NEPA';**

**ERROR 1054 (42S22): Unknown column 'airlin' in 'where clause'**

**mysql> delete from flight where airline = 'Indigo' and dest\_airport\_code = 'NEPA';**

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

mysql> select \* from flight;

+----------+----------+------------------+-------------------+---------------+

| airline | weekdays | src\_airport\_code | dest\_airport\_code | flight\_number |

+----------+----------+------------------+-------------------+---------------+

| Air Asia | MON\_TUE | IGA | NEPA | NULL |

| Indigo | WED\_THU | IGA | DUBA | NULL |

| GoFirst | FRI\_SAT | NEPA | DUBA | NULL |

+----------+----------+------------------+-------------------+---------------+

3 rows in set (0.00 sec)

**mysql> update flight SET flight\_number = 651 where airline = 'Air Asia';**

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

**Rows matched: 1 Changed: 1 Warnings: 0**

**mysql> update flight SET flight\_number = 69 where airline = 'Indigo';**

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

**Rows matched: 1 Changed: 1 Warnings: 0**

**mysql> update flight SET flight\_number = 420 where airline = 'GoFirst';**

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

**Rows matched: 1 Changed: 1 Warnings: 0**

mysql> select \* from flight;

+----------+----------+------------------+-------------------+---------------+

| airline | weekdays | src\_airport\_code | dest\_airport\_code | flight\_number |

+----------+----------+------------------+-------------------+---------------+

| Air Asia | MON\_TUE | IGA | NEPA | 651 |

| Indigo | WED\_THU | IGA | DUBA | 69 |

| GoFirst | FRI\_SAT | NEPA | DUBA | 420 |

+----------+----------+------------------+-------------------+---------------+

3 rows in set (0.00 sec)

mysql> desc admin;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| admin\_id | int | YES | | NULL | |

| email | varchar(155) | YES | | NULL | |

| password | varchar(155) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

mysql> select \* from admin;

+----------+-----------------------------+----------+

| admin\_id | email | password |

+----------+-----------------------------+----------+

| 1 | xyz@gmailcom | 12345 |

| 1 | satyamsksingh0096@gmail.com | Abc@123 |

| 1 | satya96@gmail.com | bc@123 |

+----------+-----------------------------+----------+

3 rows in set (0.00 sec)

mysql> select \* from admin;

+----------+-----------------------------+----------+

| admin\_id | email | password |

+----------+-----------------------------+----------+

| 1 | xyz@gmailcom | 12345 |

| 1 | satyamsksingh0096@gmail.com | Abc@123 |

| 1 | satya96@gmail.com | bc@123 |

+----------+-----------------------------+----------+

3 rows in set (0.00 sec)

mysql> select \* from airline;

+-------------+

| airlinetype |

+-------------+

| Air Asia |

| Indigo |

| GoFirst |

+-------------+

3 rows in set (0.00 sec)

mysql> select \* from airport;

+---------------+---------+--------------+--------------+

| airport | country | country\_code | airport\_code |

+---------------+---------+--------------+--------------+

| IGI Airport | India | IND | IGA |

| Dubai Airport | Dubai | DBA | DUBA |

| Nepal Airport | Nepal | NEP | NEPA |

+---------------+---------+--------------+--------------+

3 rows in set (0.00 sec)

mysql> select \* from customer;

+-------------+------------+-----------+---------------------+-------------+------------+

| customer\_id | first\_name | last\_name | email | password | phone |

+-------------+------------+-----------+---------------------+-------------+------------+

| 321 | Satyam | Singh | ak09@gmail.com | Pk@0096 | 6205143846 |

| 632 | Sittu | Kumar | Prisk9@gmail.com | Sk@0096 | 7480036877 |

| 535 | Yash | Gupta | sittusk69@gmail.com | Sujisk@0096 | 9631458572 |

+-------------+------------+-----------+---------------------+-------------+------------+

3 rows in set (0.00 sec)

mysql> select \* from fare;

+---------------+----------+-------+

| flight\_number | class | fare |

+---------------+----------+-------+

| 651 | BU | 5000 |

| 69 | EC | 6000 |

| 420 | BU | 6500 |

| 651 | Business | 6000 |

| 69 | Premium | 10000 |

+---------------+----------+-------+

5 rows in set (0.00 sec)

mysql> select \* from flight;

+----------+----------+------------------+-------------------+---------------+

| airline | weekdays | src\_airport\_code | dest\_airport\_code | flight\_number |

+----------+----------+------------------+-------------------+---------------+

| Air Asia | MON\_TUE | IGA | NEPA | 651 |

| Indigo | WED\_THU | IGA | DUBA | 69 |

| GoFirst | FRI\_SAT | NEPA | DUBA | 420 |

+----------+----------+------------------+-------------------+---------------+

3 rows in set (0.00 sec)

mysql> select \* from reservations;

+------------+---------------+-------+-------------+------------------+------------+-------------+

| booking\_id | flight\_number | class | travel\_date | no\_of\_passengers | total\_fare | customer\_id |

+------------+---------------+-------+-------------+------------------+------------+-------------+

| 123 | 651 | BU | 2023-01-15 | 2 | 5000 | 321 |

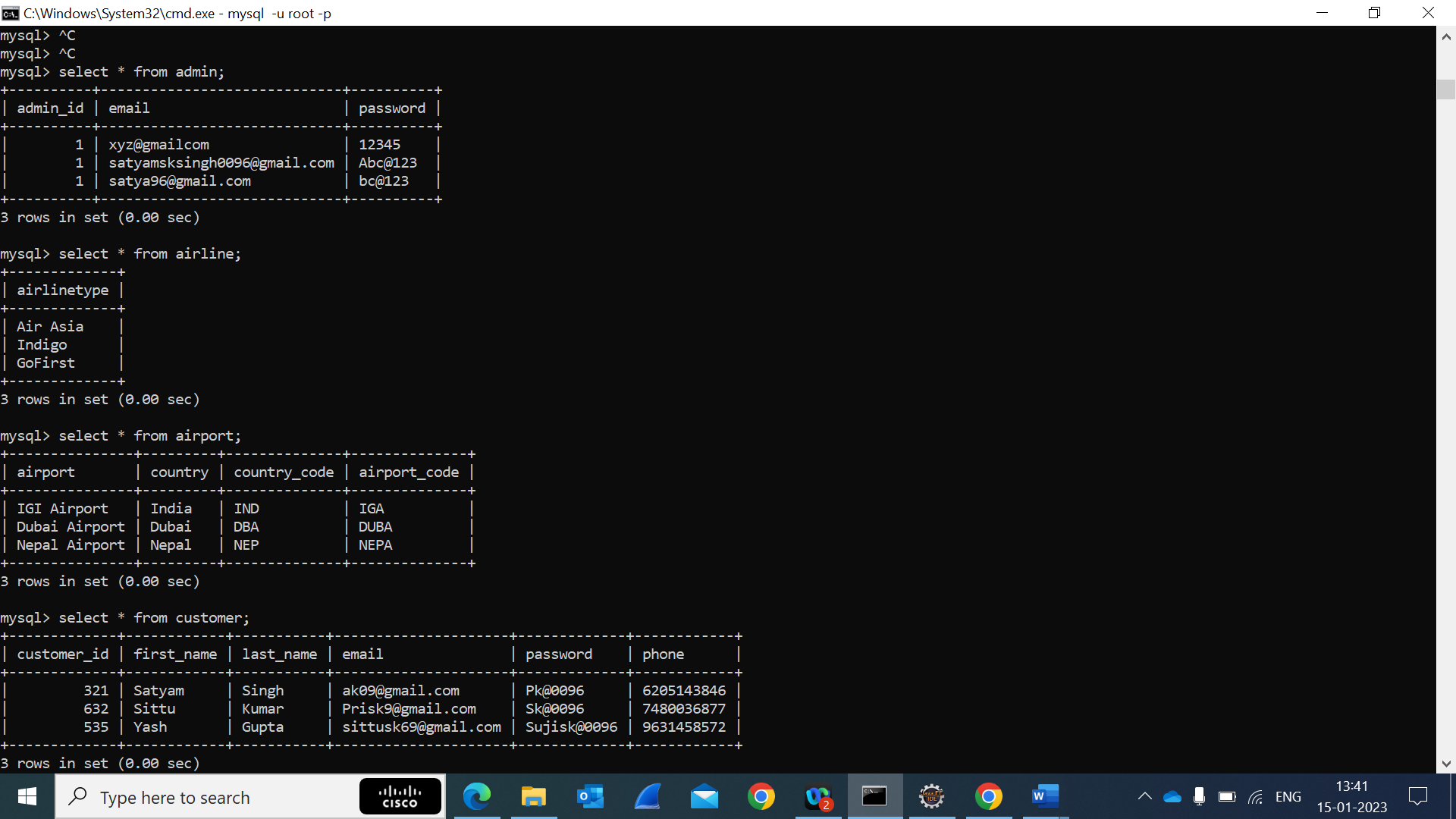
| 456 | 69 | EC | 2023-01-16 | 2 | 6000 | 632 |

| 789 | 420 | BU | 2023-01-17 | 2 | 6500 | 535 |

+------------+---------------+-------+-------------+------------------+------------+-------------+

3 rows in set (0.00 sec)

**Tables Screenshot Created in Flight\_Reservation\_Tracker database**

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**A screenshot of a computer

Description automatically generated with medium confidence**