G2 T4 AirportNova Top Queries

1. <u>Evaluate revenue report per employee based on transactions they handled.</u>

```sql
SELECT
    e.EmpID,
    e.EmpName,
    COUNT(t.TSID) AS Total_Transactions,
    SUM(t.ChargeAmount) AS Total_Revenue
FROM
    Employee e
JOIN Transaction t ON e.EmpID = t.EmpID
GROUP BY
    e.EmpID, e.EmpName
ORDER BY
    Total_Revenue DESC;
```

2. Show all airports where a particular flight can land

```
SELECT
    f.FlightCode,
    a.AirName AS AirportName,
    a.City,
    a.State,
    a.CountryCode
FROM
    Flight_Can_Land fcl
JOIN Flight f ON f.FlightCode = fcl.FlightCode
JOIN Airport a ON fcl.AirCode = a.AirCode
WHERE
    f.FlightCode = 'AI202';
```

3. List all the flights that have no transactions.

```
SELECT FlightID

FROM FLights

WHERE FlightID NOT IN (SELECT DISTINCT FlightID
FROM Transactions);
```