1) Create a Database

```
create database airlineProject
```

----

2) Creating and Loading data for airports_mod.dat

```
create table airportsTable
(AirportID bigint, Name string, City string, Country string, IATA
varchar(3), ICAO varchar(4),
 Latitude double, Longitude double, Altitude bigint, Timezone
double, DST varchar(1), Tz string)
row format delimited fields terminated by ","
lines terminated by "\n"

load data local inpath "airports_mod.dat" into table airportsTable
```

----

3) Creating and Loading data for Final_airlines

```
create table finalAirlines(
airlineID bigint, name string, alias string, iata varchar(2), icao
varchar(3),
callsign string, country string, active varchar(1))
row format delimited fields terminated by ","
lines terminated by "\n"

load data local inpath "Final_airlines" into table finalAirlines
```

----

4) Creating and Loading data for routes.dat

```
create table routes(
airline varchar(3), airlineID bigint, source varchar(4), sourceID bigint,
destination varchar(4), destinationID bigint, codeshare varchar(1),
stops int,
equipment varchar(3))
row format delimited fields terminated by ","
lines terminated by "\n"

load data local inpath "routes.dat" into table routes
```

Problem Statement A

```
select airportID, Name, City
from airportsTable
where country="India"
```

Problem Statement B

```
select distinct(a.airlineid), a.name
from finalairlines a join routes on
a.airlineid=routes.airlineid
where stops=0
```

Problem Statement C

select distinct(a.airlineid), a.name
from finalairlines a join routes on
a.airlineid=routes.airlineid
where codeshare='Y'

Problem Statement D

select country, count(*) as A
from airportstable
group by country
order by A desc limit 1

Problem Statement E

select airlineid, name
from finalairlines
where country="United States" AND active="Y"

Note: The outputs are in "4-Output" folder.