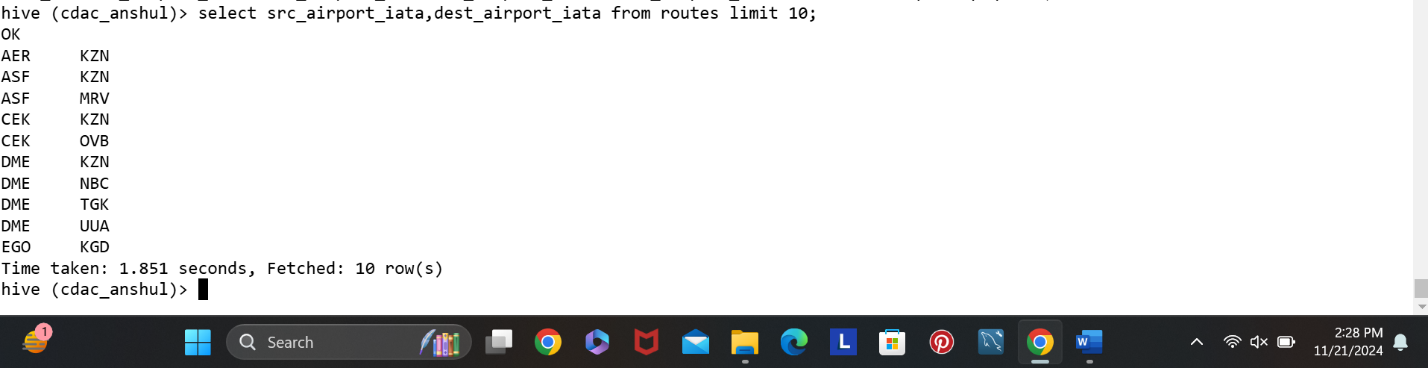
Name= Anshul Nitnaware.

Roll.No= 14

1. Find airports that are listed as both a source and distination in the routes table.

Ans= select src\_airport\_iata,dest\_airport\_iata from routes limit 10;

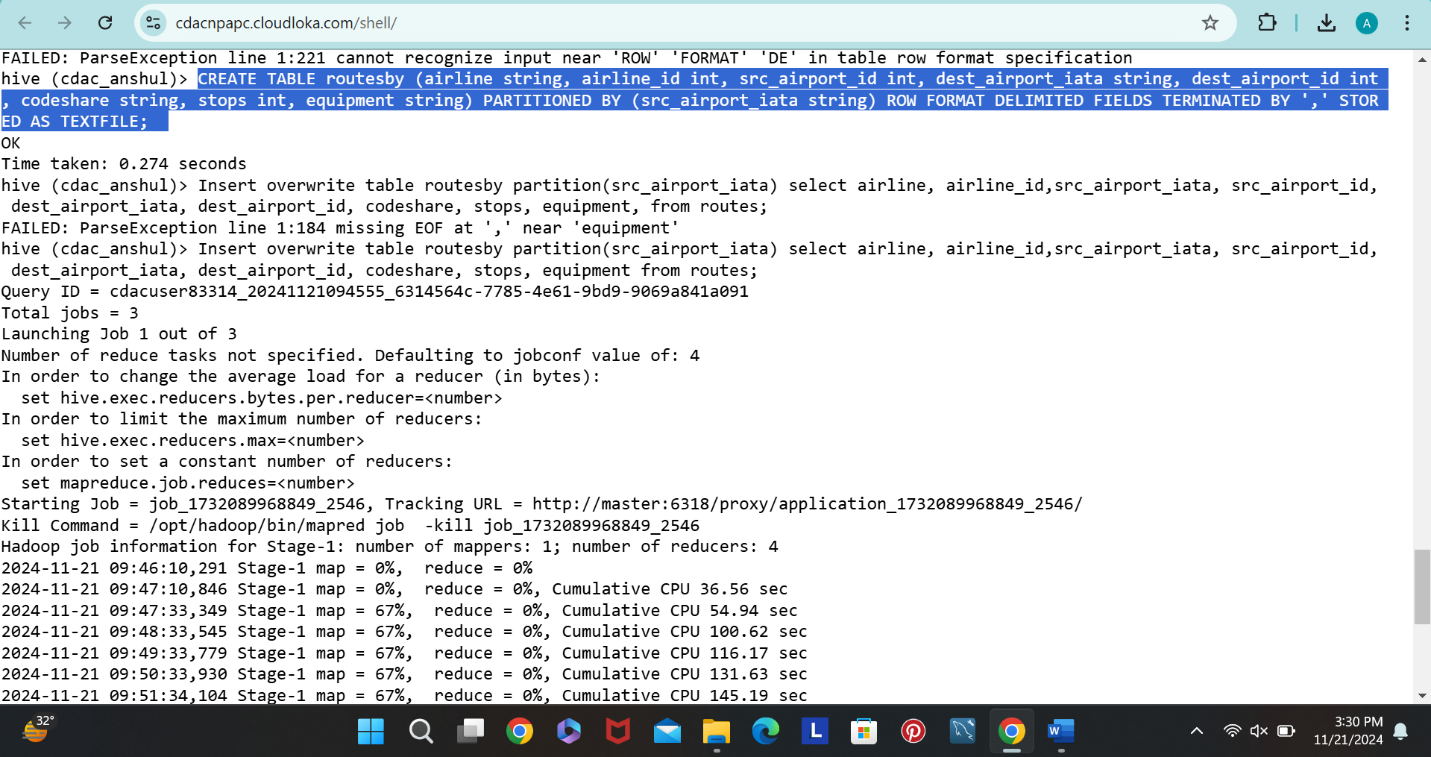


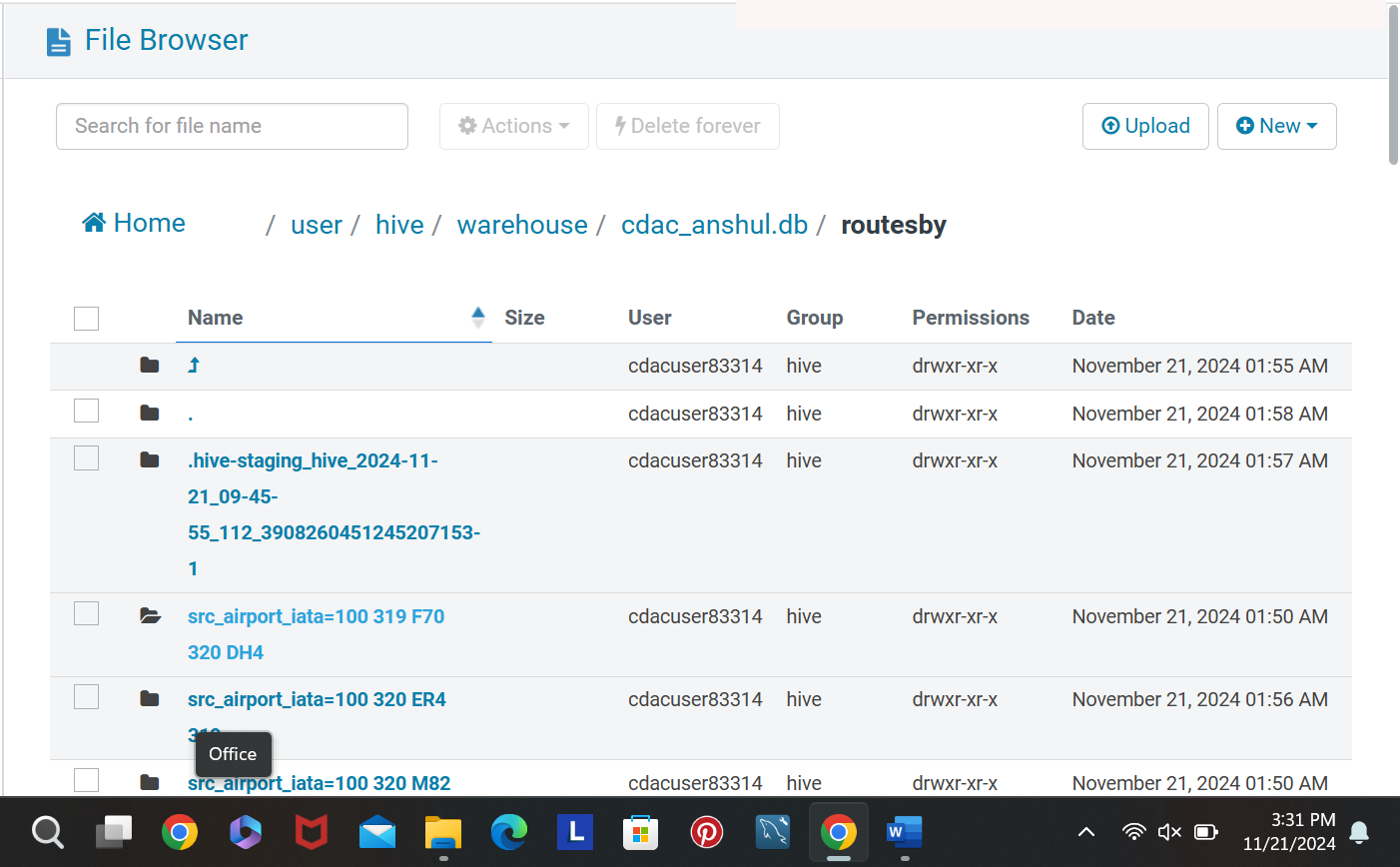
QUESTION 2)=

1. Create a partitioned table to store the routes data by the source\_Airport. Write the SQL Query to create this table and insert into it.

Ans= CREATE TABLE routesby (airline string, airline\_id int, src\_airport\_id int, dest\_airport\_iata string, dest\_airport\_id int, codeshare string, stops int, equipment string) PARTITIONED BY (src\_airport\_iata string) ROW FORMAT DELIMITED FIELDS TERMINATED BY ',' STORED AS TEXTFILE;

Insert overwrite table routesby partition(src\_airport\_iata) select airline, airline\_id,src\_airport\_iata, src\_airport\_id,dest\_airport\_iata, dest\_airport\_id, codeshare, stops, equipment from routes;





Q.2) insert data into portioned routes\_partitioned table for the source airport =”JFK” partiotioned.

ANS= CREATE TABLE routesb (airline string, airline\_id int, src\_airport\_id int, dest\_airport\_iata string, dest\_airport\_id int, codeshare string, stops int, equipment string) PARTITIONED BY (src\_airport\_iata string) ROW FORMAT DELIMITED FIELDS TERMINATED BY ',' STORED AS TEXTFILE;

Insert overwrite table routesby partition(LAX) select airline, airline\_id,src\_airport\_iata, src\_airport\_id,dest\_airport\_iata, dest\_airport\_id, codeshare, stops, equipment from routes;