Nosql Assignment

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Q.1- Import `travel-sample` bucket

    -> Imported! (Buckets -> import sample bucket -> travel-sample)

Q2-Write a query to get the sum of all distances where type="route" for each airline id.

Ans:-

select airlineid,sum(distance) as Total_Distance_Sum from `travel-sample` where type='route' group by airlineid;

Q3- . Write queries to join(LEFT,RIGHT,INNER) type="route"&"airline" and fetch the data whose sourceairport="SFO"

Ans:-

<u>Inner Join</u>

select * from `travel-sample` x inner join `travel-sample` y on x.type='route' and y.type='airline' where x.sourceairport='SFO';

<u>Left Join</u>

select * from `travel-sample` x left join `travel-sample` y on x.type='route' and y.type='airline' where x.sourceairport='SFO';
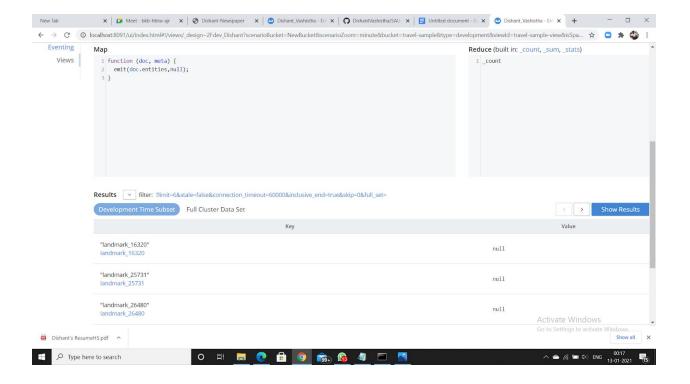
<u>Right Join</u>

select * from `travel-sample` x right join `travel-sample` y on x.type='route' and y.type='airline' where x.sourceairport='SFO';

Q4- Write a mapreduce to get the number of all documents based on entities(type).

Ans:-

```
function (doc,meta){
  emit(doc.entities,null);
}
```

Reduce: _count

Snapshot:-

Q5- Refer CLI interface & try to export the travel sample data. Below are the steps:
 a) Go to Couchbase Bin folder - C:\Program Files\Couchbase\Server\bin
b) Open Command Prompt from the bin folder
c) Run the below command to export the data from travel-sample bucket: cbexport json -c couchbase://127.0.0.1 -u -p -b travel-sample -o C:/travelSample.json -f lines -t 4
 D) Create a new Bucket "NewBucket" & import the data to it: cbimport json -c couchbase://127.0.0.1 -u -p -b NewBucket -f lines -d file://C:/travelSample.json -t 4 -g %id% E) Once the data is imported, please attach the screenshot.

Ans:-
CMD Snapshot:-

NewBucket Snapshot after importing documents:-