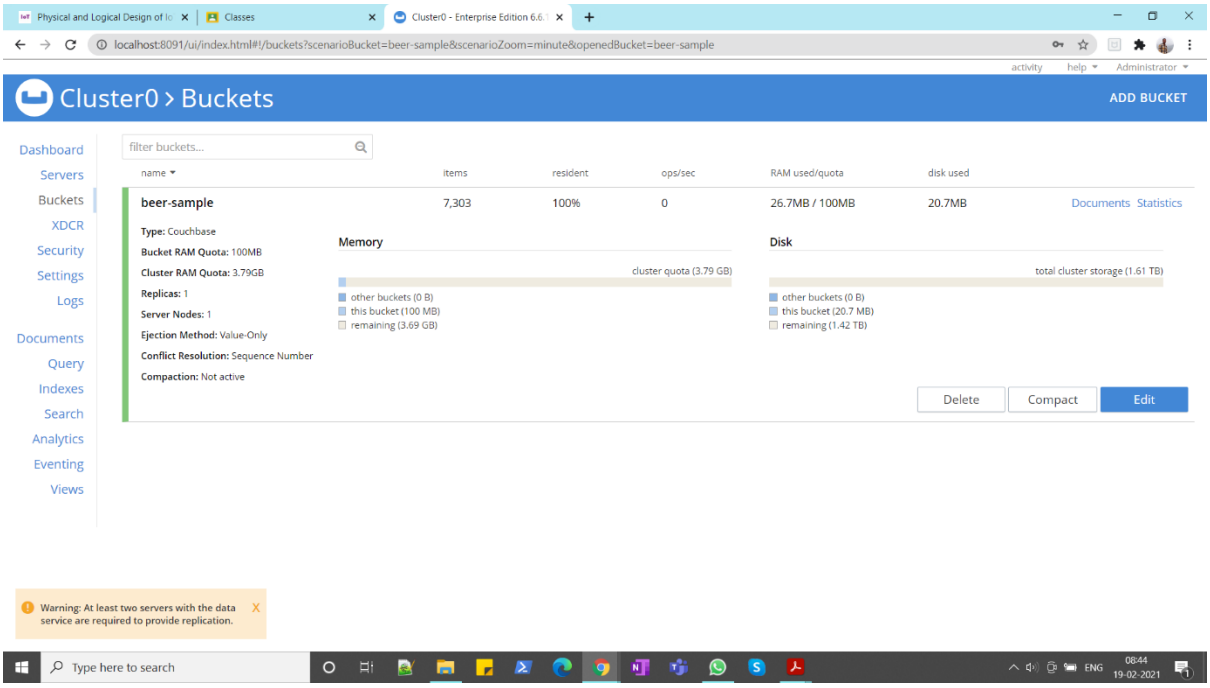
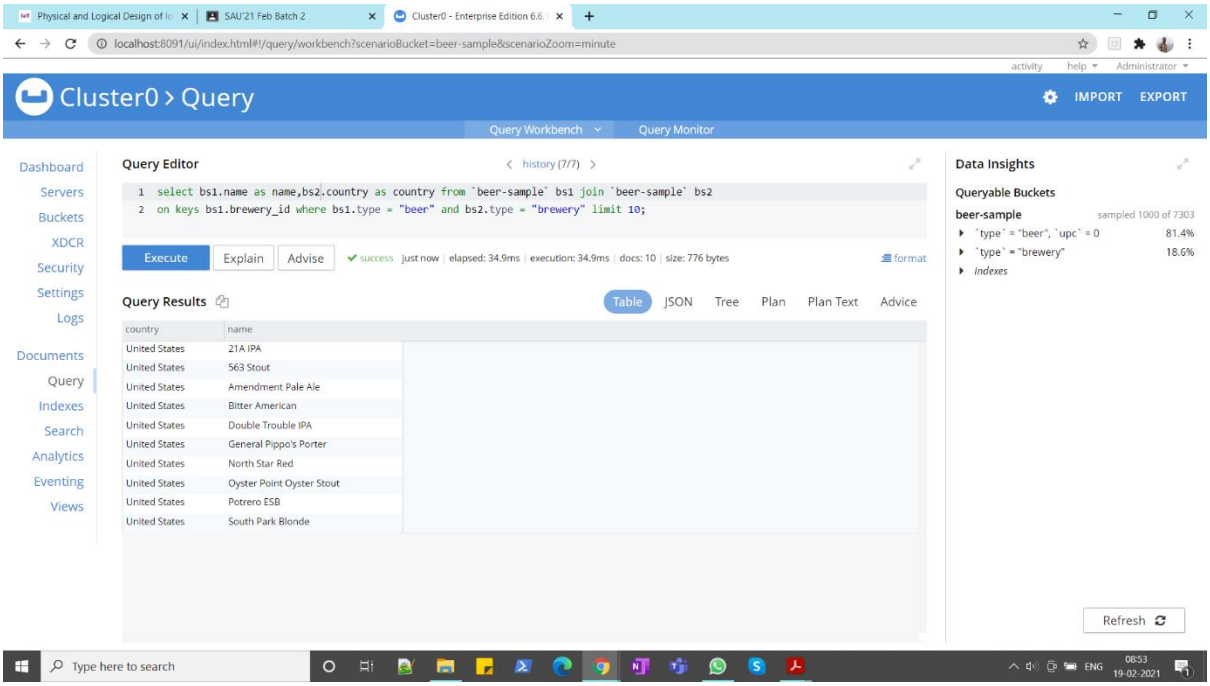
NoSQL Assignment:

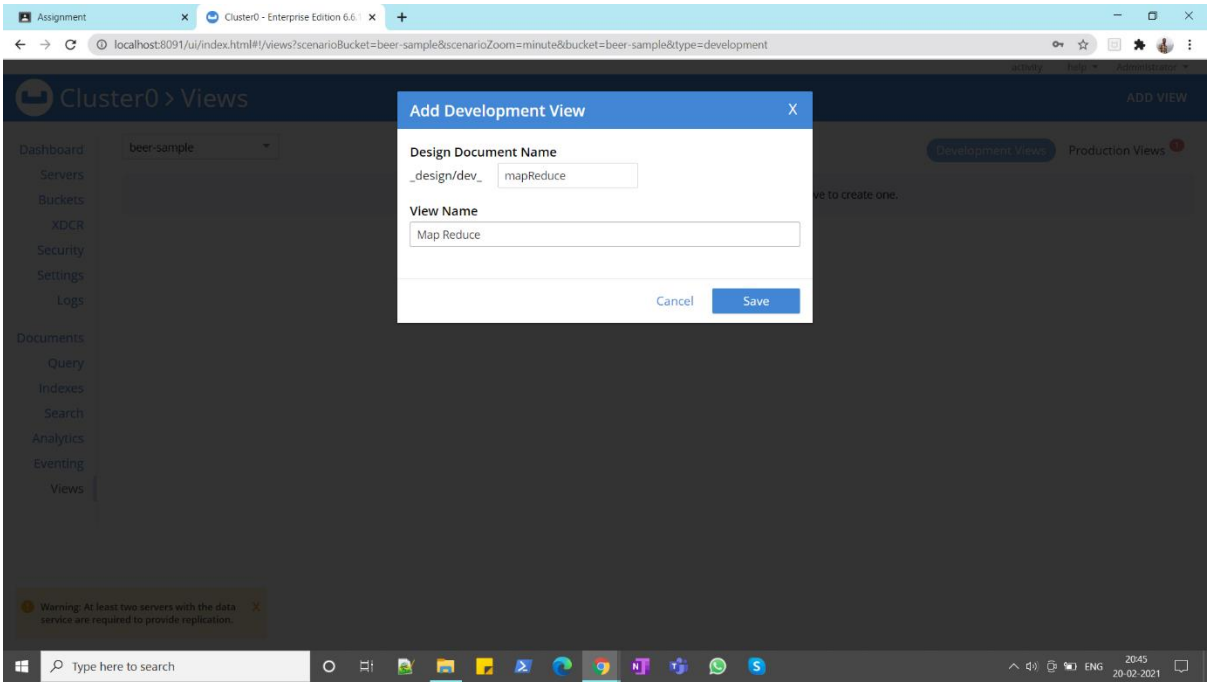
1.) Import `beer-sample` Bucket.

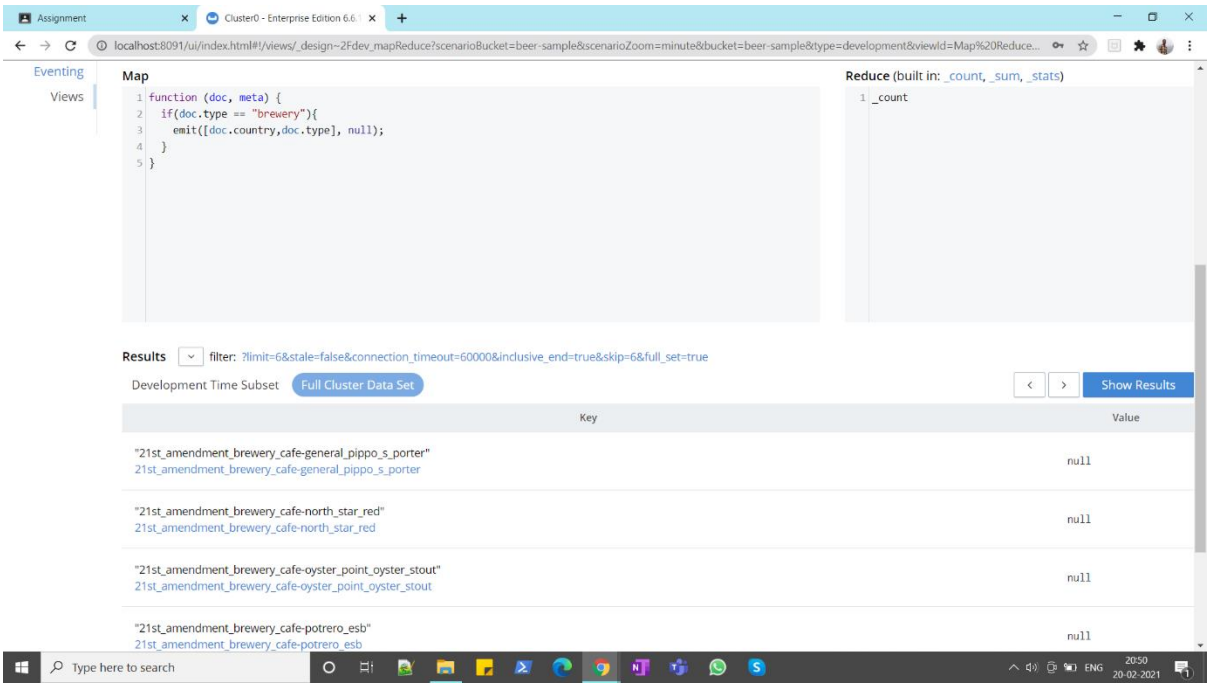


2.) Write a join query to fetch the Top 10 brewery(type=”beer”) and their country(type=”brewery”) which produces more varieties of beers.



3.) Write a mapreduce to get the number of breweries based on country. Please attach the mapreduce code and json output screenshot.

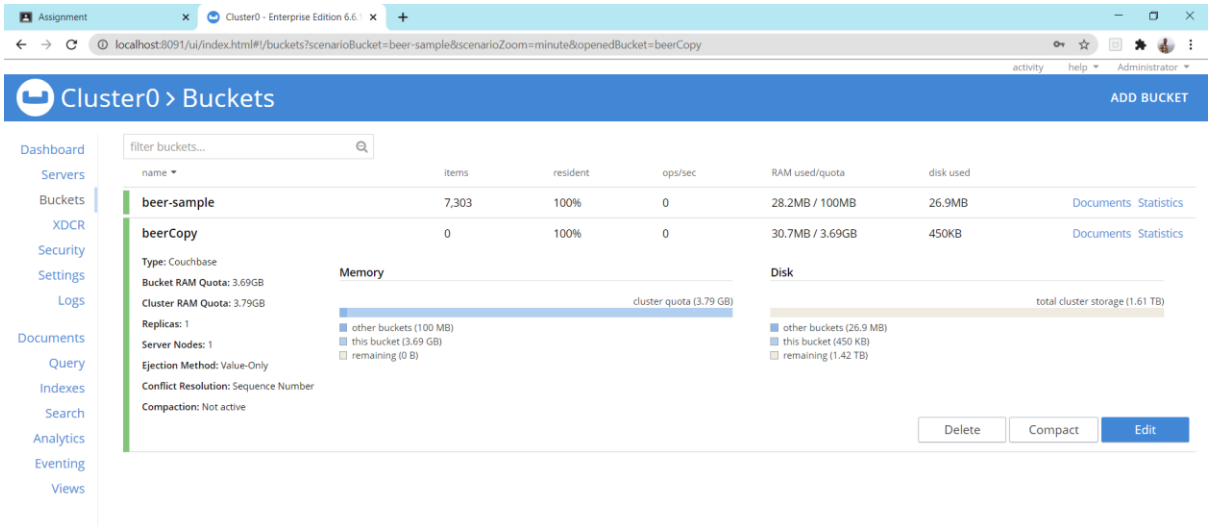


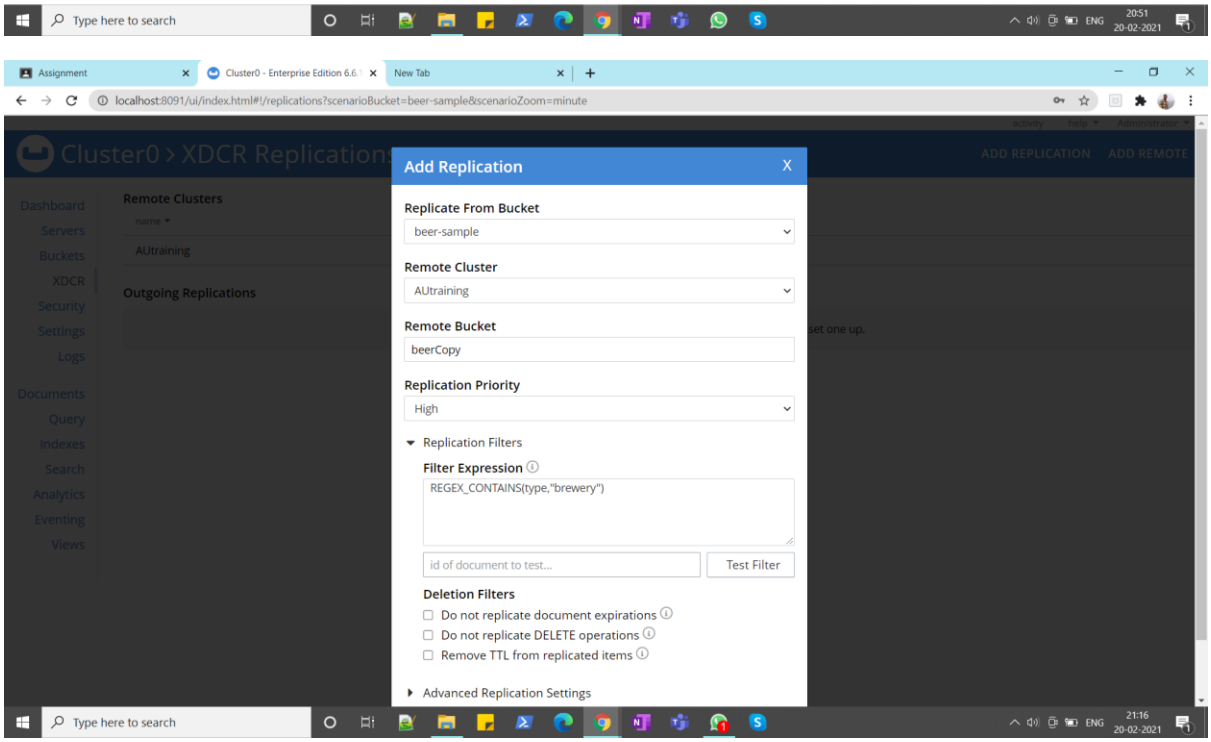


4.) XDCR:

a) Add a new bucket “Brewery”.

b) Create a XDCR with a filter(type=’brewery’) to replicate only the brewery entity from `beer-sample` bucket.





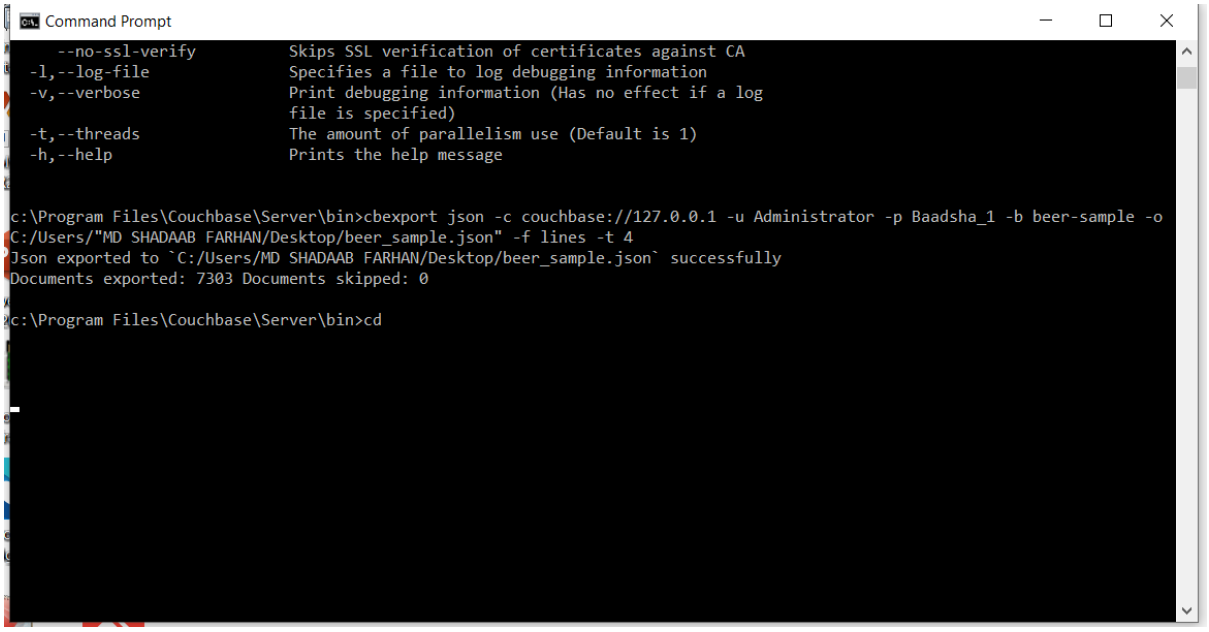
5.) CLI:

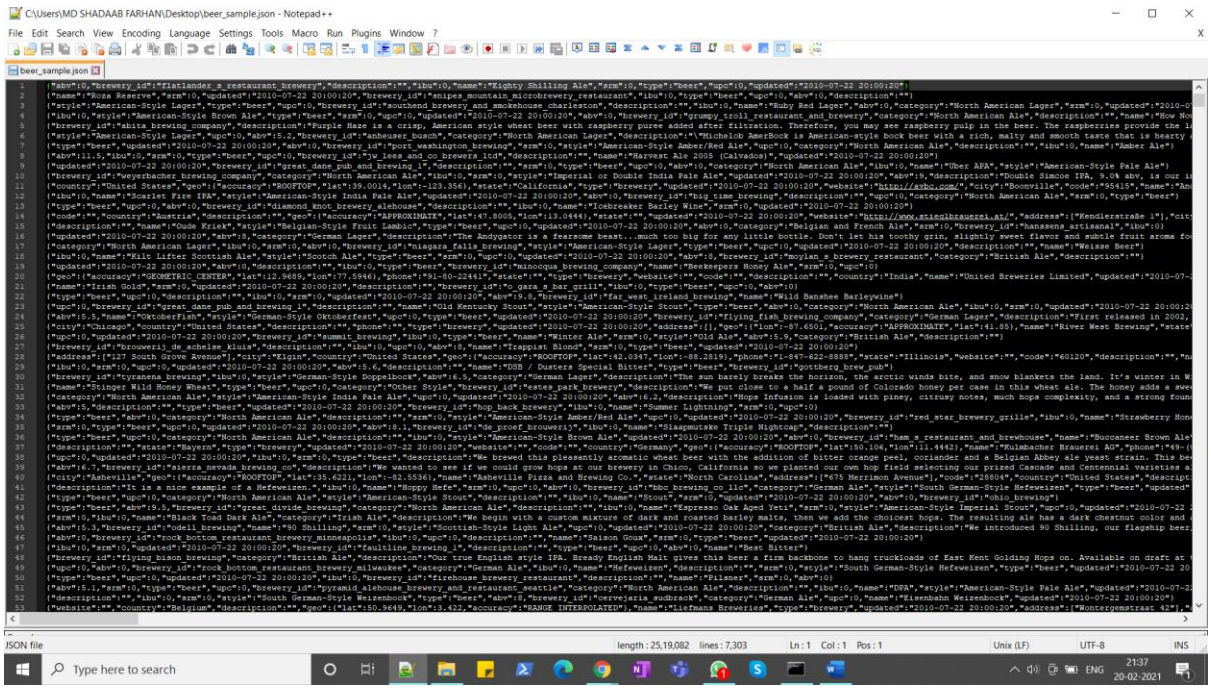
a) Add a new bucket “Beer”.

b) Using CLI - do a cbexport of the entire `beer-sample`

c) And do a cbimport with “brewery_id” as primary key. As a result, in the new bucket - only “beer” documents will be imported with their respective brewery name as meta().id

d) Share your observation on counts with screenshot.


Command Prompt
--no-ssl-verify Skips SSL verification of certificates against CA
-l,--log-file Specifies a file to log debugging information
-v,--verbose Print debugging information (Has no effect if a log file is specified)
-t,--threads The amount of parallelism use (Default is 1)
-h,--help Prints the help message
c:\Program Files\Couchbase\Server\bin>cbexport json -c couchbase://127.0.0.1 -u Administrator -p Baadsha_1 -b beer-sample -o C:/Users/"MD SHADAAB FARHAN/Desktop/beer_sample.json" -f lines -t 4
Json exported to `C:/Users/MD SHADAAB FARHAN/Desktop/beer_sample.json` successfully
Documents exported: 7303 Documents skipped: 0
c:\Program Files\Couchbase\Server\bin>cd


C:\Users\MD SHADAAB FARHAN\Desktop\beer_sample.json - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
beer_sample.json
JSON file
length : 25,19,082 lines : 7,303
Ln : 1 Col : 1 Pos : 1
Unix (LF)
UTF-8
INS
Type here to search
ENG
21:37
20-02-2021