

DBMS Lab File

(2024)

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| Made by – | |
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# EXPERIMENT-18: To understand the concepts of NoSQL Database

1. Write a MongoDB query to display all the documents in the collection hotel.

db.hotels.find();

2. Write a MongoDB query to display the fields hotel\_id, name, Borough, and cuisine for all the documents in the collection hotel.

db.hotels.find({}, {hotel\_id: 1, name: 1, borough: 1, cuisine: 1});

3. Write a MongoDB query to display the fields hotel\_id, name, Borough, and cuisine, but exclude the field \_id for all the documents in the collection hotel.

db.hotels.find({}, {hotel\_id: 1, name: 1, borough: 1, cuisine: 1, \_id: 0});

4. Write a MongoDB query to display the fields hotel\_id, name, Borough, and zip code, but exclude the field \_id for all the documents in the collection hotel.

db.hotels.find({}, {hotel\_id: 1, name: 1, borough: 1, "address.zipcode": 1, \_id: 0});

5. Write a MongoDB query to display all the hotels which are in the Borough Bronx.

db.hotels.find({borough: "Bronx"});

# EXPERIMENT-19: To understand the concepts of NoSQL Database

1. Write a MongoDB query to display the next 5 hotels after skipping the first 5, which are in the Borough Bronx.

db.hotels.find({borough: "Bronx"}).skip(5).limit(5);

2. Write a MongoDB query to find the hotels that achieved a score more than 80 but less than 100.

db.hotels.find({"grades.score": {$gt: 80, $lt: 100}});

3. Write a MongoDB query to find the hotels which are located in a latitude value less than -95.75.

db.hotels.find({"address.coord.1": {$lt: -95.75}});

4. Write a MongoDB query to find the hotels that do not prepare any cuisine of 'American', have a grade score more than 70, and are located in a latitude less than -65.754168.

db.hotels.find({

cuisine: {$ne: "American"},

"grades.score": {$gt: 70},

"address.coord.1": {$lt: -65.754168}

});