**Database Systems Laboratory(CSL58) - MongoDB exercises**

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| Sl. No. | Question |
| 1. | Consider the following restaurant database with the following attributes -  Name, address –(building, street, area, pin code), id, cuisine, nearby landmarks, online delivery- yes/no, famous for(name of the dish)  Create 10 documents with data relevant to the following questions. Write and execute MongoDB queries:   1. List the name and address of all restaurants in Bangalore with Italian cuisine 2. List the name, address and nearby landmarks of all restaurants in Bangalore where north Indian thali (cuisine) is available. |
| 2. | Consider the following restaurant table with the following attributes -  Name, address –(building, street, area, pincode), id, cuisine, nearby landmarks, online delivery- (yes/no), famous for(name of the dish)  Create 10 documents with data relevant to the following questions. Write and execute MongoDB queries:   1. List the name, address and nearby landmarks of all restaurants in Bangalore where north Indian thali(cuisine) is available 2. List the name and address of restaurants and also the dish the restaurant is famous for, in Bangalore. |
| 3. | Consider the following restaurant table with the following attributes -  Name, address –(building, street, area, pincode), id, cuisine, nearby landmarks, online delivery- (yes/no), famous for(name of the dish)  Create 10 documents with data relevant to the following questions. Write and execute MongoDB queries:   1. List the name, address and nearby landmarks of all restaurants in Bangalore where north Indian thali(cuisine) is available. 2. List the name and address of restaurants and also the dish the restaurant is famous for, in Bangalore where online delivery is available. |
| 4. | Consider the following Tourist places table with the following attributes -  Place, address – (state), id, tourist attractions, best time of the year to visit, modes of transport(include nearest airport, railway station etc), accommodation, food - what not to miss for sure  Create 10 documents with data relevant to the following questions. Write and execute MongoDB queries:   1. List all the tourist places of Karnataka 2. List the tourist attractions of Kerala. Exclude accommodation and food |
| 5. | Consider the following Tourist places table with the following attributes -  Place, address –(state, id), tourist attractions, best time of the year to visit,modes of transport(include nearest airport, railway station etc), accommodation, food - what not to miss for sure  Create 10 documents with data relevant to the following questions. Write and execute MongoDB queries:   1. List the tourist attractions of Kerala. Exclude accommodation and food. 2. List the places sorted state wise. |
| 6. | Consider the following Tourist places table with the following attributes -  Place, address – (state, id), tourist attractions, best time of the year to visit,modes of transport(include nearest airport, railway station etc), accommodation, food - what not to miss for sure  Create 10 documents with data relevant to the following questions. Write and execute MongoDB queries:   1. List all the tourist places of Karnataka 2. List the places sorted state wise |
| 7. | Consider the following Movie table with the following attributes -  Actor\_name, Actor\_id, Actor\_birthdate, Director\_name, Director\_id, Director\_birthdate, film\_title, year of production ,type (thriller, comedy, etc.)  Create 10 documents with data relevant to the following questions. Write and execute MongoDB queries:   1. List all the movies acted by John in the year 2018 2. List only the actors names and type of the movie directed by Ram |
| 8. | Consider the following Movie table with the following attributes -  Actor\_name, Actor\_id, Actor\_birthdate, Director\_name, Director\_id, Director\_birthdate, film\_title, year of production ,type (thriller, comedy, etc.)  Create 10 documents with data relevant to the following questions. Write and execute MongoDB queries:   1. List all the movies acted by John and Elly in the year 2012. 2. List only the name and type of the movie where Ram has acted sorted by movie names |
| 9. | Consider the following Movie table with the following attributes -  Actor\_name, Actor\_id, Actor\_birthdate, Director\_name, Director\_id, Director\_birthdate, film\_title, year of production ,type (thriller, comedy, etc.)  Create 10 documents with data relevant to the following questions. Write and execute MongoDB queries:   1. List all the movies acted by John in the year 2018 2. List only the actors names and type of the movie directed by Ram |
| 10. | Consider the following Movie table with the following attributes -  Actor\_name, Actor\_id, Actor\_birthdate, Director\_name, Director\_id, Director\_birthdate, film\_title, year of production, type (thriller, comedy, etc.)  Create 10 documents with data relevant to the following questions. Write and execute MongoDB queries:   1. List all the movies acted by John and Elly in the year 2012. 2. List only the name and type of the movie where Ram has acted, sorted by movie names. |