

# Day 61 Task

## MongoDB Crud Operations

1. Create a database named “Zomato” on your local instance?

The expected output is as shown below

```
> use Zomato
switched to db Zomato
>
```

2. Insert the Restaurant.json data given below into the restaurant collection on your MongoDB local instance?

```
[ {
  "name": "Domino's",
  "city":
    "Delhi",
  "location_id
    ":1,
  "city_id": 1,
  "locality": "Shalimar
    Bagh", "thumb": [
```

```
"Assets/breakfast.jpg",  
  
"Assets/dinner.png",  
  
"Assets/drinks.png",  
  
"Assets/dinner.png"  
  
],  
  
"aggregate_rating": 4.2,  
  
"rating_text": "Very  
Good", "min_price": 666,  
  
"contact_number":919453524  
651,  
  
"cuisine": [  
  
{ "id": 1, "name": "North Indian" },  
  
{ "id": 4, "name": "Fast Food" }  
  
],  
  
"image":"Assets/breakfast.  
  
jpg", "mealtype_id": 1  
  
},
```

```
{  
  
  "name": "KFC",  
  "city":  
    "Delhi",  
  "location_id  
    ":1,  
  "city_id": 1,  
  "locality": "Shalimar  
    Bagh", "thumb": [  
    "Assets/breakfast.jpg",  
    "Assets/dinner.png"  
  ,  
    "Assets/drinks.png"  
  ,  
    "Assets/dinner.png"  
  ],  
  
  "aggregate_rating": 4.5,  
  "rating_text":
```

```
"Excellent", "min_price":  
  
333,  
  
"contact_number":919453524  
  
651, "cuisine": [  
  
{ "id": 2, "name": "South Indian" },  
{ "id": 4, "name": "Fast Food" }  
  
],  
  
"image":"Assets/breakfast.  
jpg, "mealtype_id": 1  
  
},  
  
{  
  
"name": "Burger King",  
  
"city": "Delhi",  
  
"location_id": 1,  
  
"city_id": 1,  
  
"locality": "Shalimar  
Bagh", "thumb": [
```

```
"Assets/breakfast.jpg",  
  
"Assets/dinner.png",  
  
"Assets/drinks.png",  
  
"Assets/dinner.png"  
  
],  
  
"aggregate_rating": 4.5,  
  
"rating_text":  
  
"Excellent", "min_price":  
  
999,  
  
"contact_number":919453524  
  
651, "cuisine": [  
  
{ "id": 2, "name": "South Indian" },  
  
{ "id": 4, "name": "Fast Food" }  
  
],  
  
"image":"Assets/breakfast.  
  
jpg", "mealtype_id": 1  
  
},
```

```
{  
  
  "name": "Baba Ka  
Dhaba", "city":  
  
  "Delhi",  
  
  "location_id": 5,  
  
  "city_id": 1,  
  
  "locality": "Anand Vihar",  
  "thumb": [  
  
    "Assets/breakfast.jpg",  
  
    "Assets/dinner.png",  
  
    "Assets/drinks.png",  
  
    "Assets/dinner.png"  
  ],  
  
  "aggregate_rating": 3.5,  
  
  "rating_text":  
  
  "Excellent", "min_price":  
  
  599,  
  
  "contact_number": 919453524
```

```
651, "cuisine": [  
  
  { "id": 2, "name": "South Indian" },  
  
  { "id": 4, "name": "Fast Food" }  
  
],  
  
"image": "Assets/breakfast.  
  
jpg, "mealtype_id": 2  
  
}  
  
]
```

### 3. Insert locations.json json data given below into locations collections on your MongoDB local Instance?

```
[  
  
  {  
  
    "name": "Shalimar Bagh",  
  
    "city_id": 1,  
  
    "location_id": 1,  
  
    "city": "Delhi",  
  
    "country_name": "India"
```

```
},  
  
{  
  
  "name": "Janpat",  
  
  "city_id":1,  
  
  "location_id": 2,  
  
  "city": "Delhi",  
  
  "country_name": "India"  
},  
  
{  
  
  "name": "MSP",  
  
  "city_id": 1,  
  
  "location_id": 3,  
  
  "city": "Delhi",  
  
  "country_name": "India"  
},  
  
{
```



```
"name": "MSP",  
  
"city_id": 2,  
  
"location_id": 4,  
  
"city": "Pune",  
  
"country_name": "India"  
  
},  
  
{  
  
"name": "Anand Vihar",  
  
"city_id": 1,  
  
"location_id": 5,  
  
"city": "Delhi",  
  
"country_name": "India"  
  
}  
  
]
```

**4. Insert mealtype.json data given below into mealtypes collection on your MongoDB local Instance?**

```
[  
  
{
```

```
"name": "Breakfast",  
  
"content": "Start your day  
with exclusive breakfast  
options", "image":  
  
"Assets/breakfast.jpg",  
  
"meal_type": 1  
  
},  
  
{  
  
"name": "Lunch",  
  
"content": "Start your day  
with exclusive lunch  
options", "image":  
  
"Assets/lunch.jpg",  
  
"meal_type": 2  
  
},  
  
{  
  
"name": "Dinner",
```

```
"content": "Start your day  
with exclusive dinner  
options",  
"image":  
"Assets/dinner.png",  
"meal_type": 3  
},  
{  
"name": "Snacks",  
"content": "Start your day  
with exclusive snacks  
options",  
"image":  
"Assets/snacks.png",  
"meal_type": 4  
},  
{
```

```
"name": "Drinks",  
  
"content": "Start your day  
with exclusive drinks  
options",  
  
"image":  
  
"Assets/drinks.png",  
  
"meal_type": 5  
  
},  
  
{  
  
"name": "NightLife",  
  
"content": "Start your day  
with exclusive nightlife  
options",  
  
"image":Assets/nightlife.png",  
  
"meal_type": 6  
}  
]
```

## 5. Find the domino's restaurant from the restaurant collection?

The expected output is shown:

```
{
  "_id" : ObjectId("6218ac7851d08c8788203f2d"),
  "name" : "Domino's",
  "city" : "Delhi",
  "location_id" : 1,
  "city_id" : 1,
  "locality" : "Shalimar Bagh",
  "thumb" : [
    "Assets/breakfast.jpg",
    "Assets/dinner.png",
    "Assets/drinks.png",
    "Assets/dinner.png"
  ],
  "aggregate_rating" : 4.2,
  "rating_text" : "Very Good",
  "min_price" : 666,
  "contact_number" : 919453524651,
  "cuisine" : [
    {
      "id" : 1,
      "name" : "North Indian"
    },
    {
      "id" : 4,
      "name" : "Fast Food"
    }
  ],
  "image" : "Assets/breakfast.jpg",
  "mealtype_id" : 1
}
```

## 6. Find the restaurants whose min\_price is greater than 300 and less than 600 from the restaurant collection?

The expected output is shown below

```
{
  "_id" : ObjectId("6218ac7851d08c8788203f2e"),
  "name" : "KFC",
  "city" : "Delhi",
  "location_id" : 1,
  "city_id" : 1,
  "locality" : "Shalimar Bagh",
  "thumb" : [
    "Assets/breakfast.jpg",
    "Assets/dinner.png",
    "Assets/drinks.png",
    "Assets/dinner.png"
  ],
  "aggregate_rating" : 4.5,
  "rating_text" : "Excellent",
  "min_price" : 333,
  "contact_number" : 919453524651,
  "cuisine" : [
    {
      "id" : 2,
      "name" : "South Indian"
    },
    {
      "id" : 4,
      "name" : "Fast Food"
    }
  ],
  "image" : "Assets/breakfast.jpg",
  "mealtype_id" : 1
}
```

7. Find the restaurant whose cuisine is 'North Indian' from the restaurant collection?

The expected output is shown below.

```
{
  "_id" : ObjectId("6218ac7851d08c8788203f2d"),
  "name" : "Domino's",
  "city" : "Delhi",
  "location_id" : 1,
  "city_id" : 1,
  "locality" : "Shalimar Bagh",
  "thumb" : [
    "Assets/breakfast.jpg",
    "Assets/dinner.png",
    "Assets/drinks.png",
    "Assets/dinner.png"
  ],
  "aggregate_rating" : 4.2,
  "rating_text" : "Very Good",
  "min_price" : 666,
  "contact_number" : 919453524651,
  "cuisine" : [
    {
      "id" : 1,
      "name" : "North Indian"
    },
    {
      "id" : 4,
      "name" : "Fast Food"
    }
  ],
  "image" : "Assets/breakfast.jpg",
  "mealtype_id" : 1
}
```

8. Update the min\_price of the restaurant “Burger king” to 133 in restaurant collection?

The expected output is shown below:

```
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
```

9. Remove the “Hotel Elite” restaurant from the restaurant collection?

The expected output is as shown below:

```
✓ removeRestaurant(remove({name: 'HOT  
WriteResult({ "nRemoved" : 1 })  
>
```

