NAME :- Arya V. More .

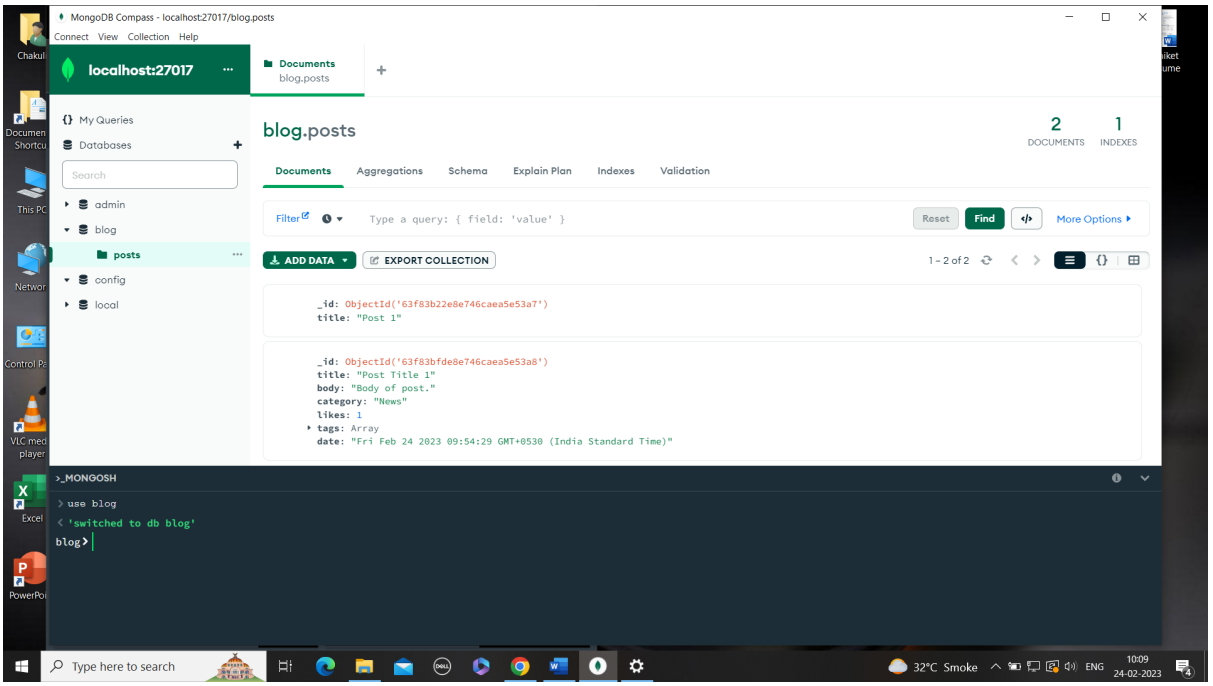
ROLL NO. :- 527

Mongodb-Performing queries

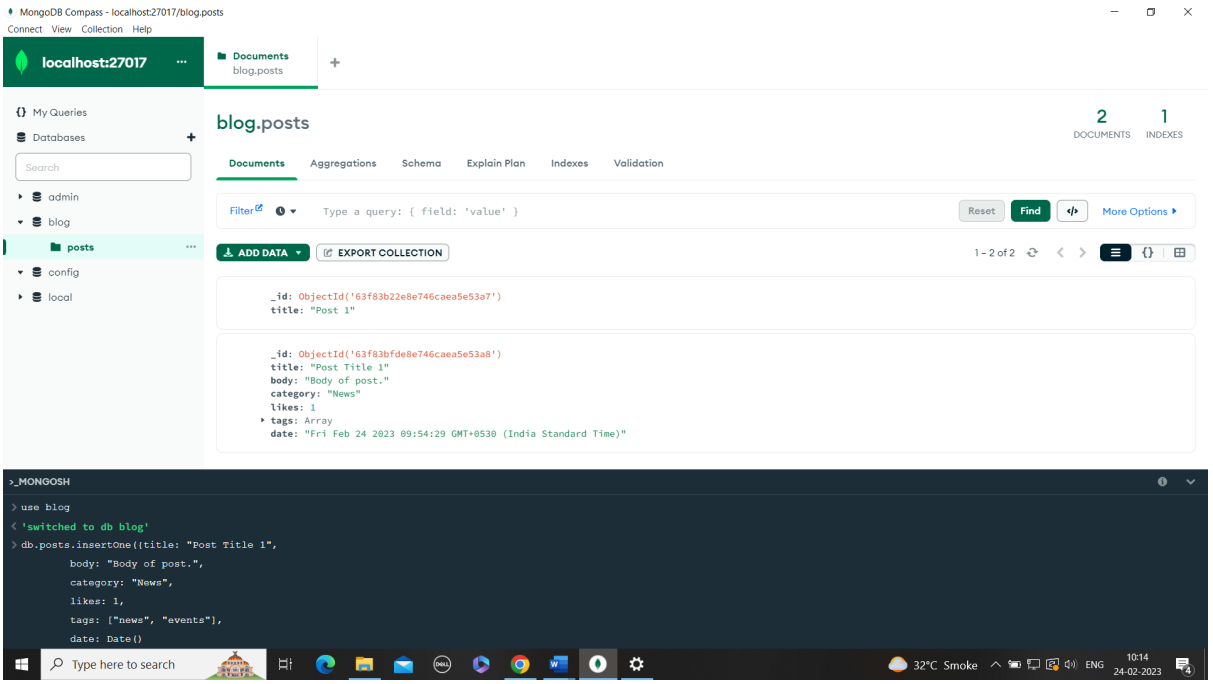
Mongodb:-

MongoDB is an open-source document-oriented database that is designed to store a large scale of data and also allows you to work with that data very efficiently. It is categorized under the NoSQL (Not only SQL) database because the storage and retrieval of data in the MongoDB are not in the form of tables.

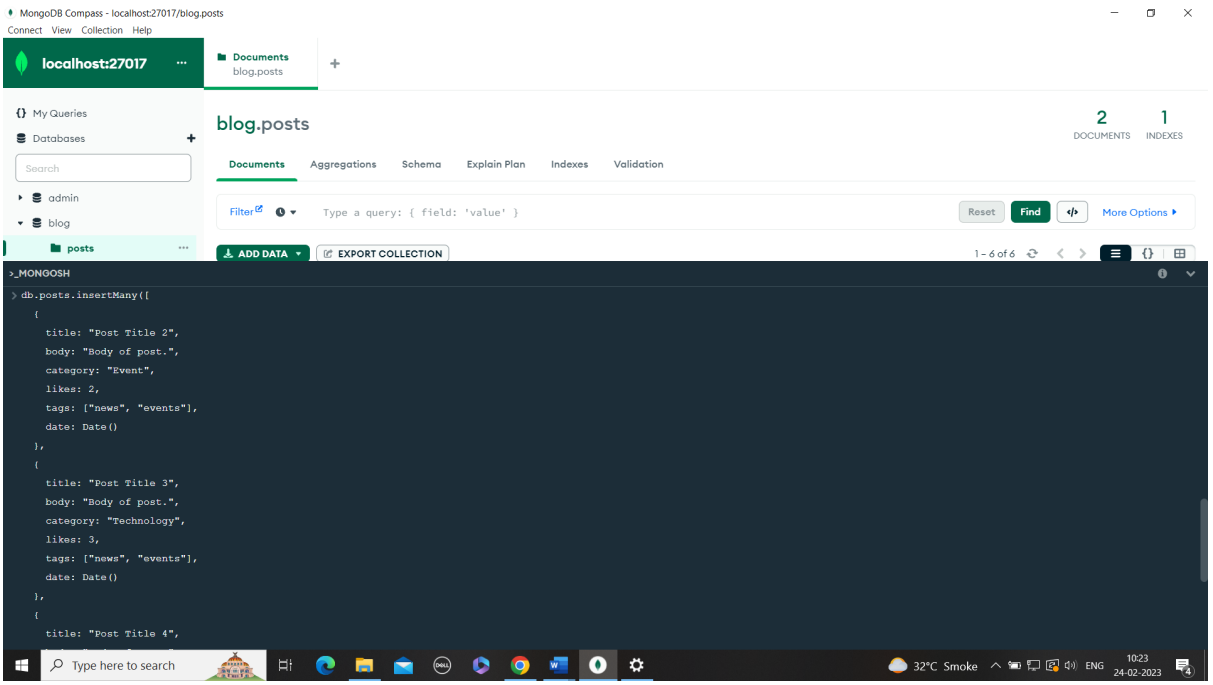
STEP1 :- You can change or create a new database by typing use then the name of the database.

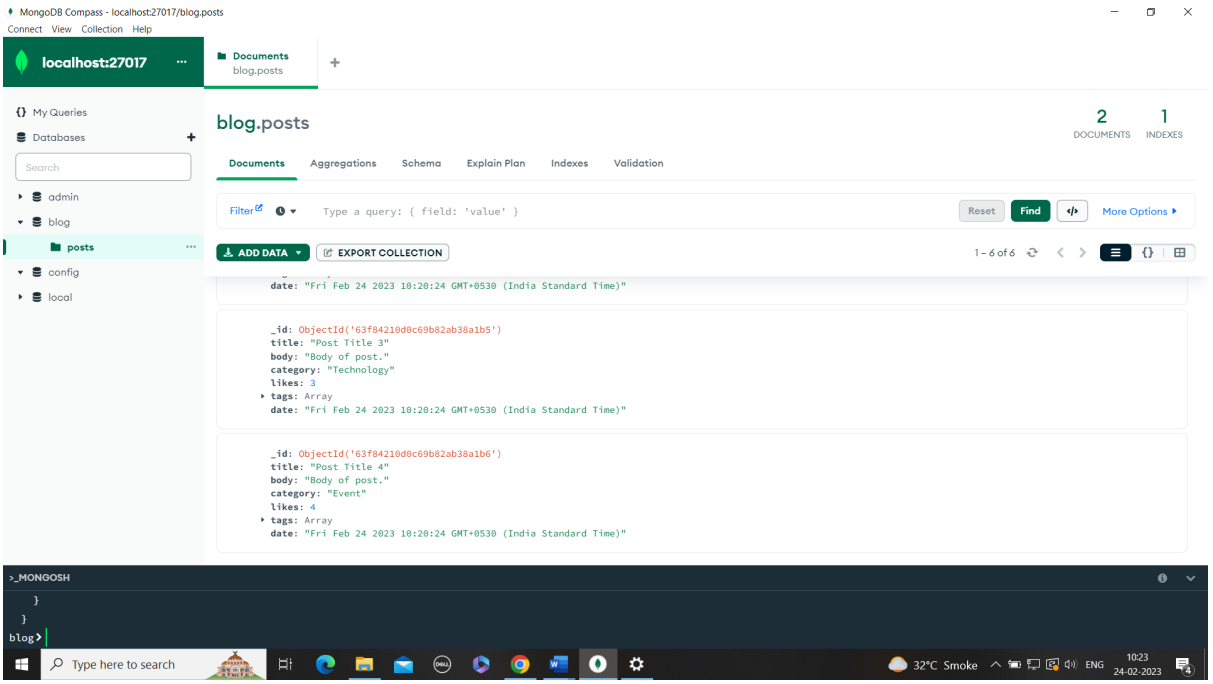


To insert a single document, use the `insertOne()` method.

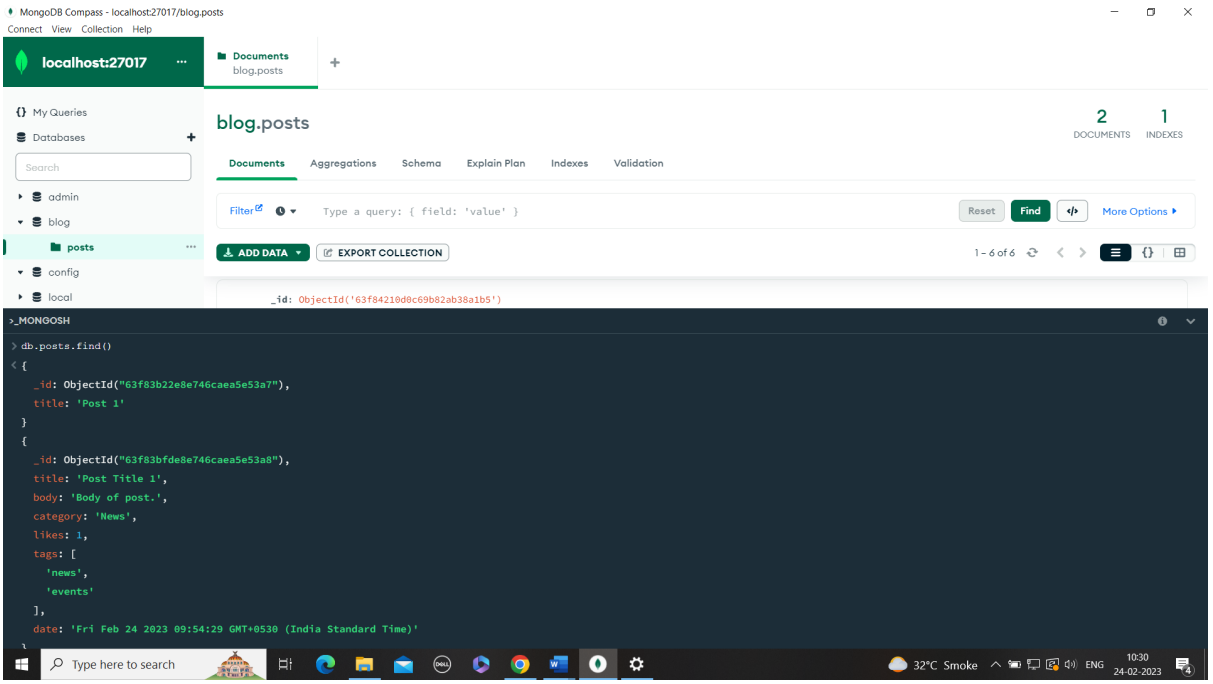


To insert multiple documents at once, use the `insertMany()` method.

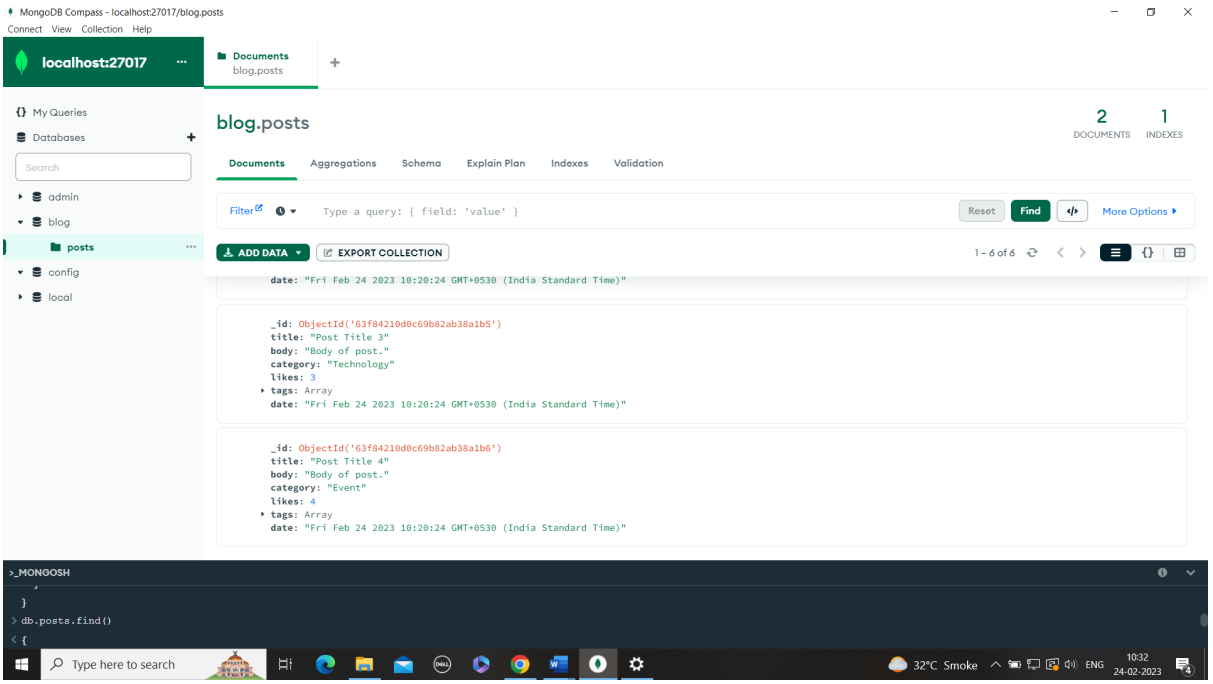


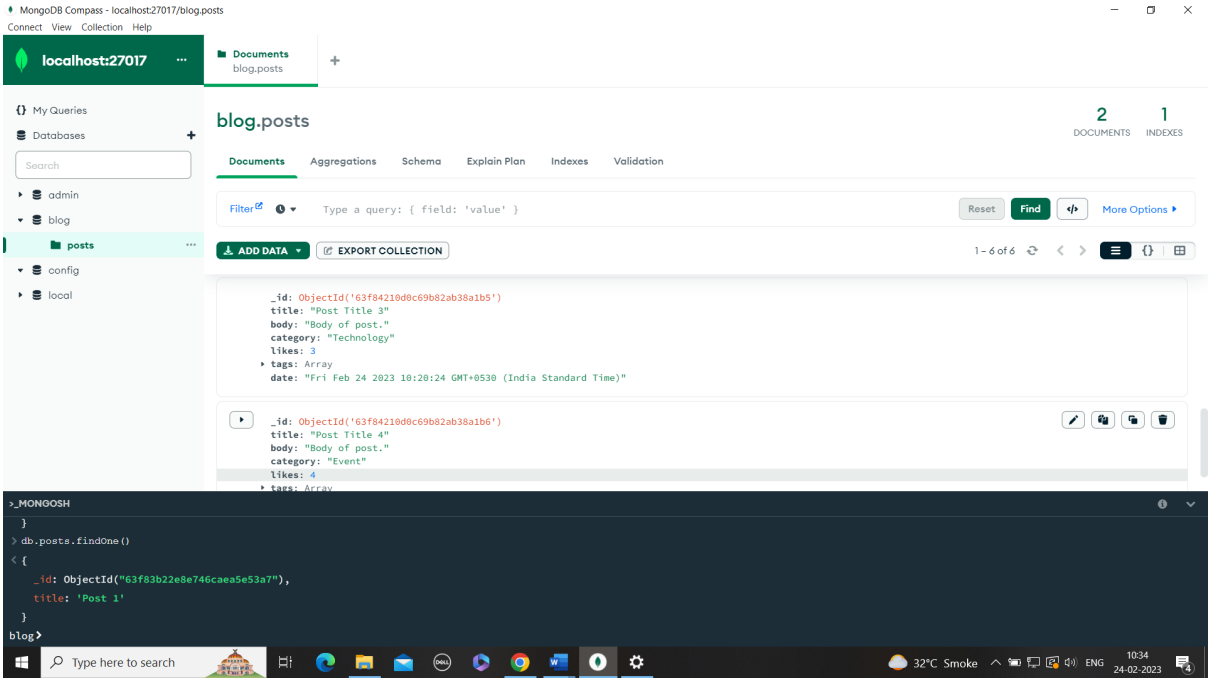


To select data from a collection in MongoDB, we can use the `find()` method.

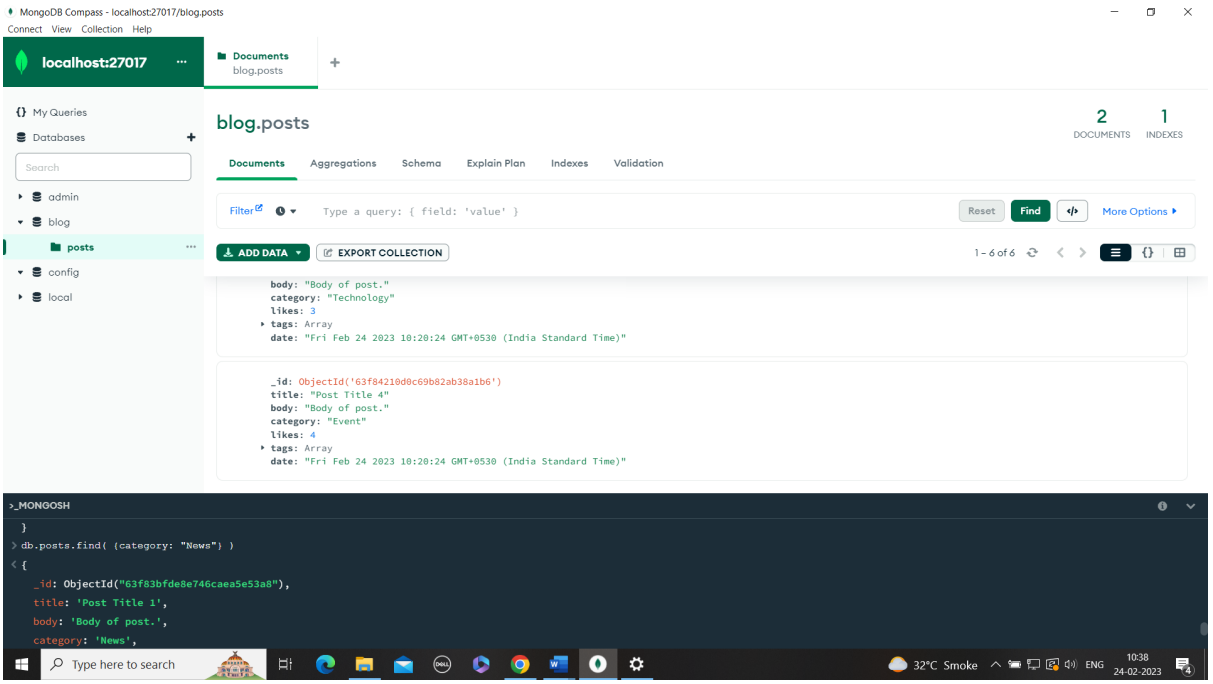


To select only one document, we can use the `findOne()` method.

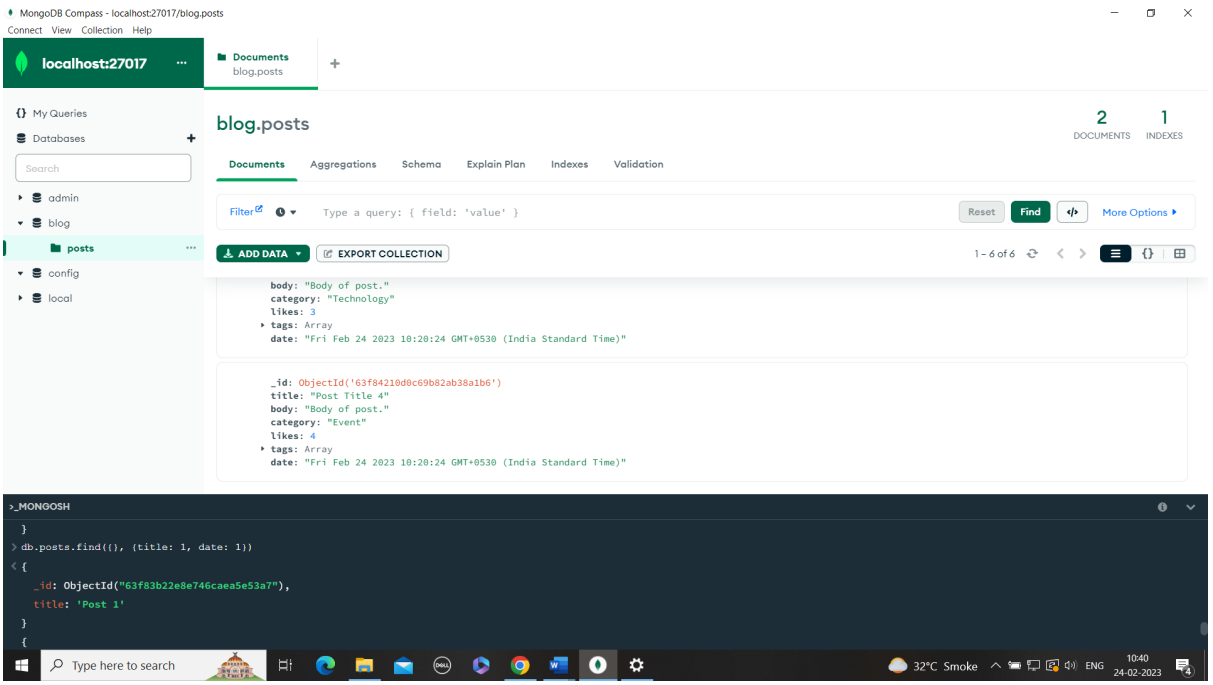




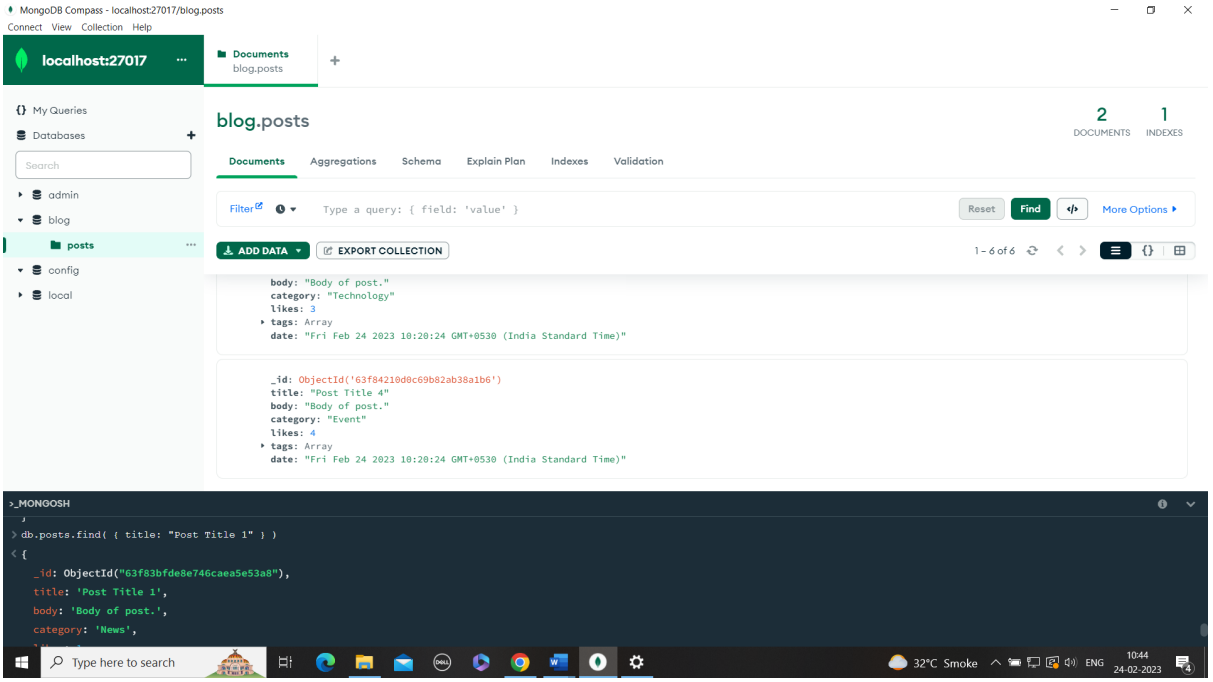
To query, or filter, data we can include a query in our `find()` or `findOne()` methods.

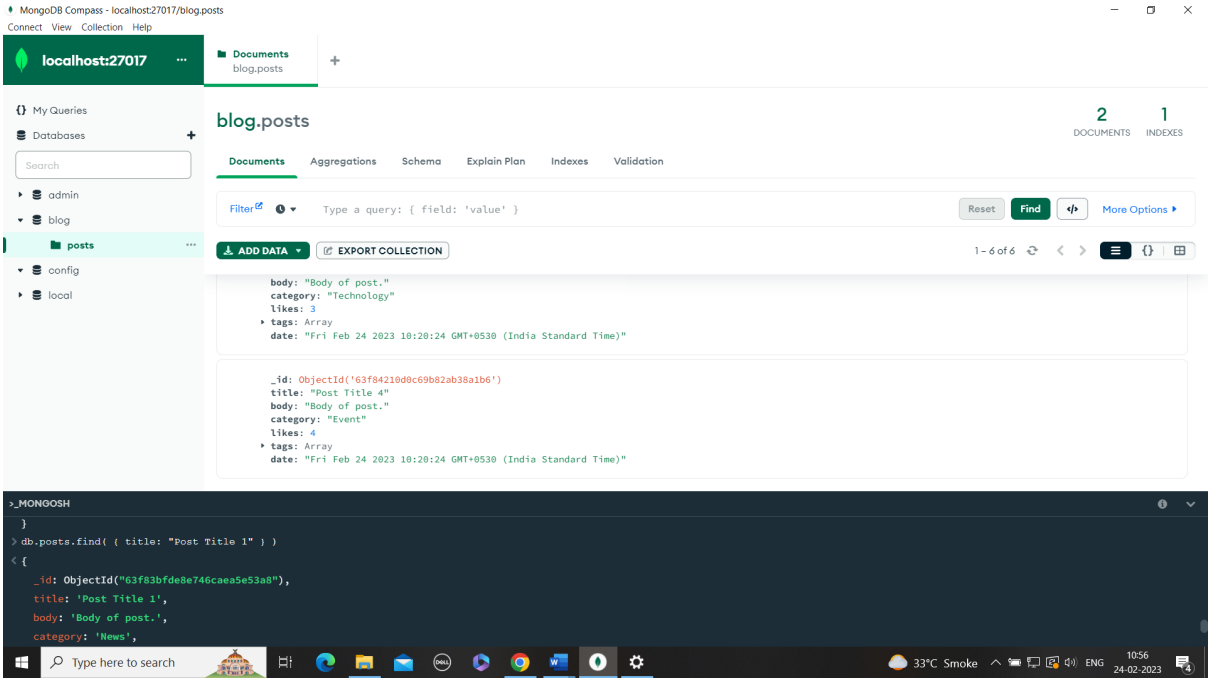


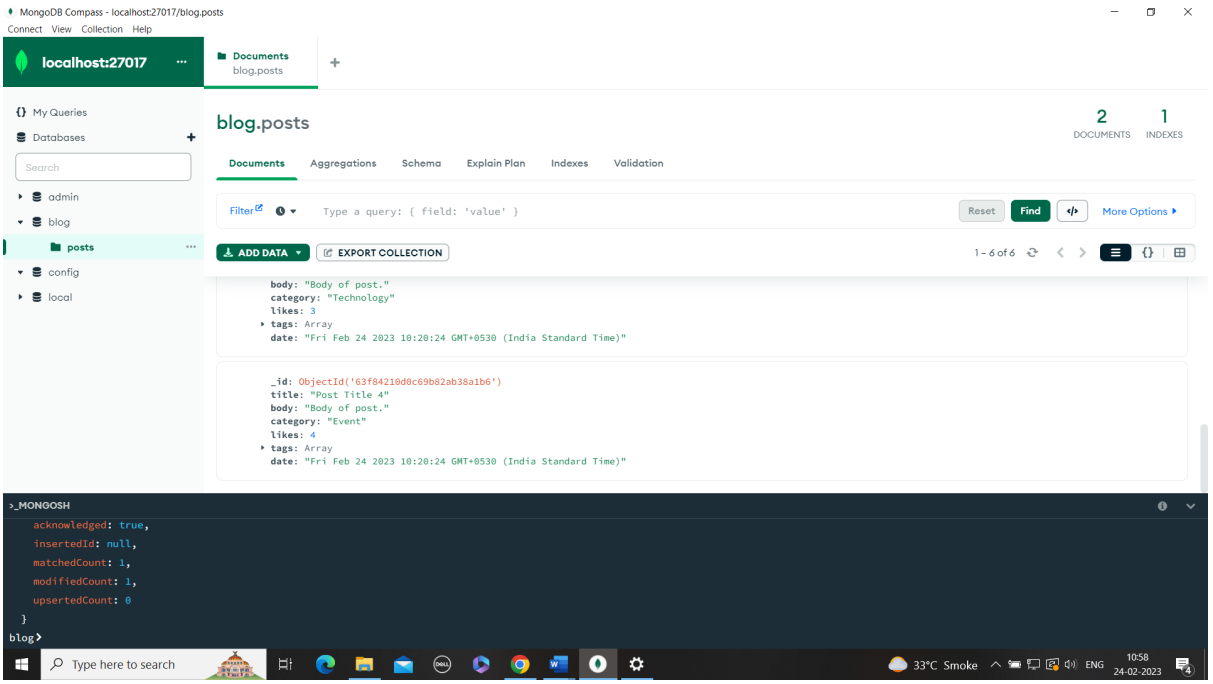
This example will only display the `title` and `date` fields in the results.



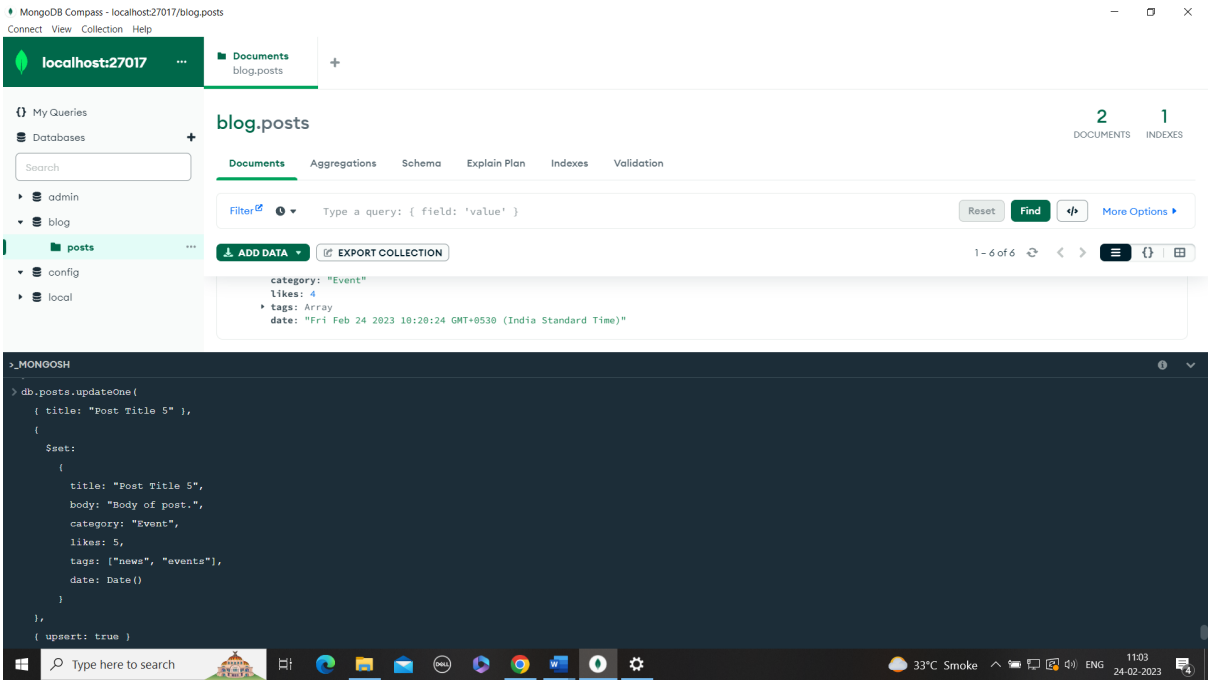
We will get an error if we try to specify both 0 and 1 in the same object.

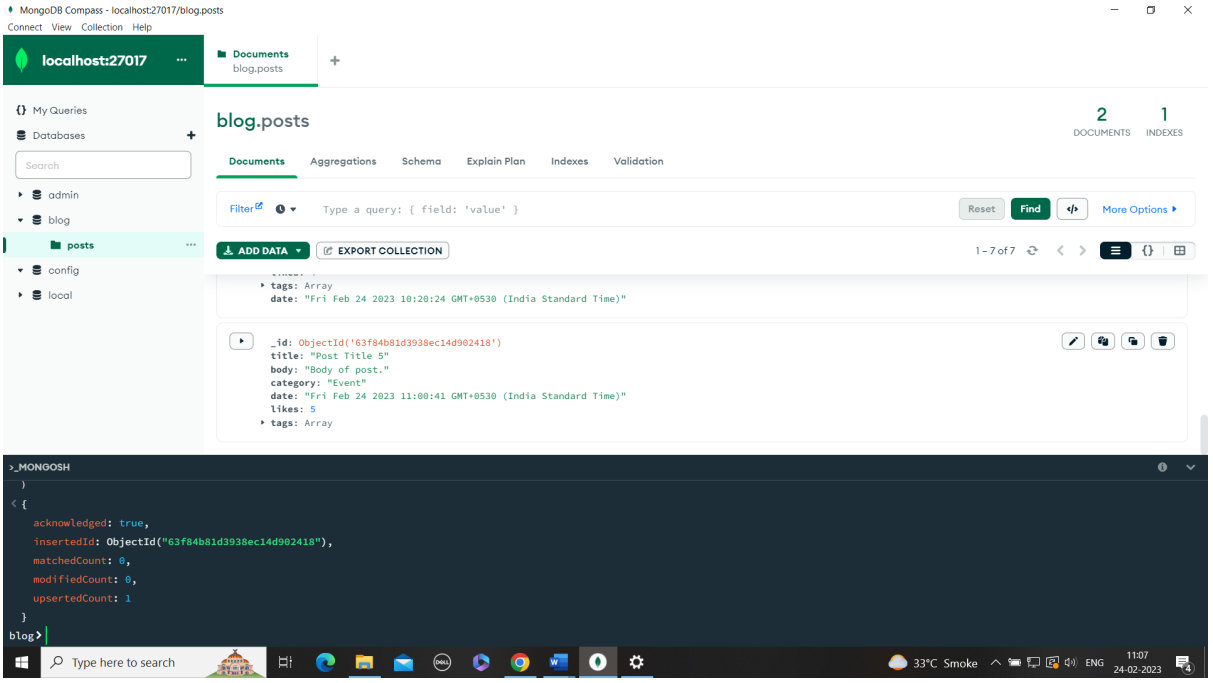




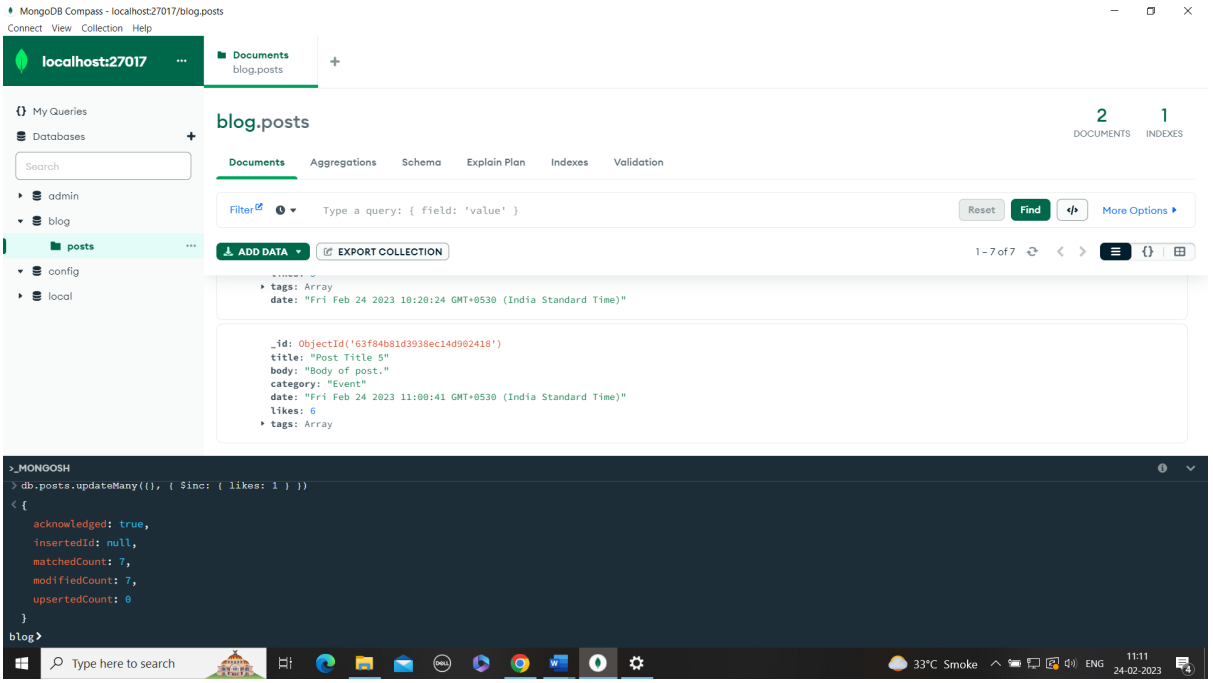


If you would like to insert the document if it is not found, you can use the `upsert` option.

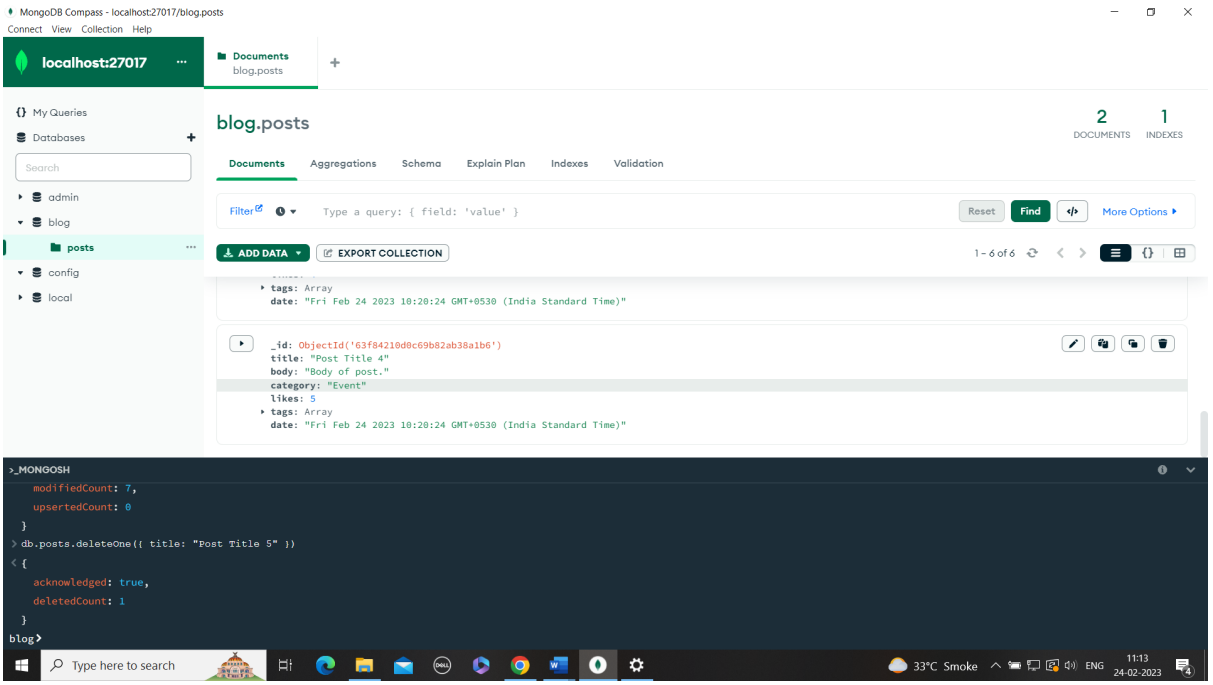

MongoDB Compass - localhost:27017/blog.posts
Connect View Collection Help
localhost:27017
Documents
blog.posts
My Queries
Databases
Search
admin
blog
posts
config
local
blog.posts
2
DOCUMENTS
1
INDEXES
Documents
Aggregations
Schema
Explain Plan
Indexes
Validation
Filter
Type a query: { field: 'value' }
Reset
Find
More Options
ADD DATA
EXPORT COLLECTION
1 - 6 of 6
category: "Event"
likes: 4
tags: Array
date: "Fri Feb 24 2023 10:20:24 GMT+0530 (India Standard Time)"
>_MONGOSH
db.posts.updateOne(
{ title: "Post Title 5" },
{
$set:
{
title: "Post Title 5",
body: "Body of post.",
category: "Event",
likes: 5,
tags: ["news", "events"],
date: Date()
}
},
{ upsert: true }
Type here to search
33°C Smoke
ENG
11:03
24-02-2023


MongoDB Compass - localhost:27017/blog.posts
Connect View Collection Help
localhost:27017
Documents
blog.posts
My Queries
Databases
Search
admin
blog
posts
config
local
blog.posts
2
DOCUMENTS
1
INDEXES
Documents
Aggregations
Schema
Explain Plan
Indexes
Validation
Filter
Type a query: { field: 'value' }
Reset
Find
More Options
ADD DATA
EXPORT COLLECTION
1 - 7 of 7
tags: Array
date: "Fri Feb 24 2023 10:20:24 GMT+0530 (India Standard Time)"
_id: ObjectId('63f84b81d3938ec14d902418')
title: "Post Title 5"
body: "Body of post."
category: "Event"
date: "Fri Feb 24 2023 11:00:41 GMT+0530 (India Standard Time)"
likes: 5
tags: Array
>_MONGOSH
{
acknowledged: true,
insertedId: ObjectId("63f84b81d3938ec14d902418"),
matchedCount: 0,
modifiedCount: 0,
upsertedCount: 1
}
blog>
Type here to search
33°C Smoke
ENG
11:07
24-02-2023

The `updateMany()` method will update all documents that match the provided query.



The `deleteOne()` method will delete the first document that matches the query provided.



STEP :- The `deleteMany()` method will delete all documents that match the query provided.