**Day 49**



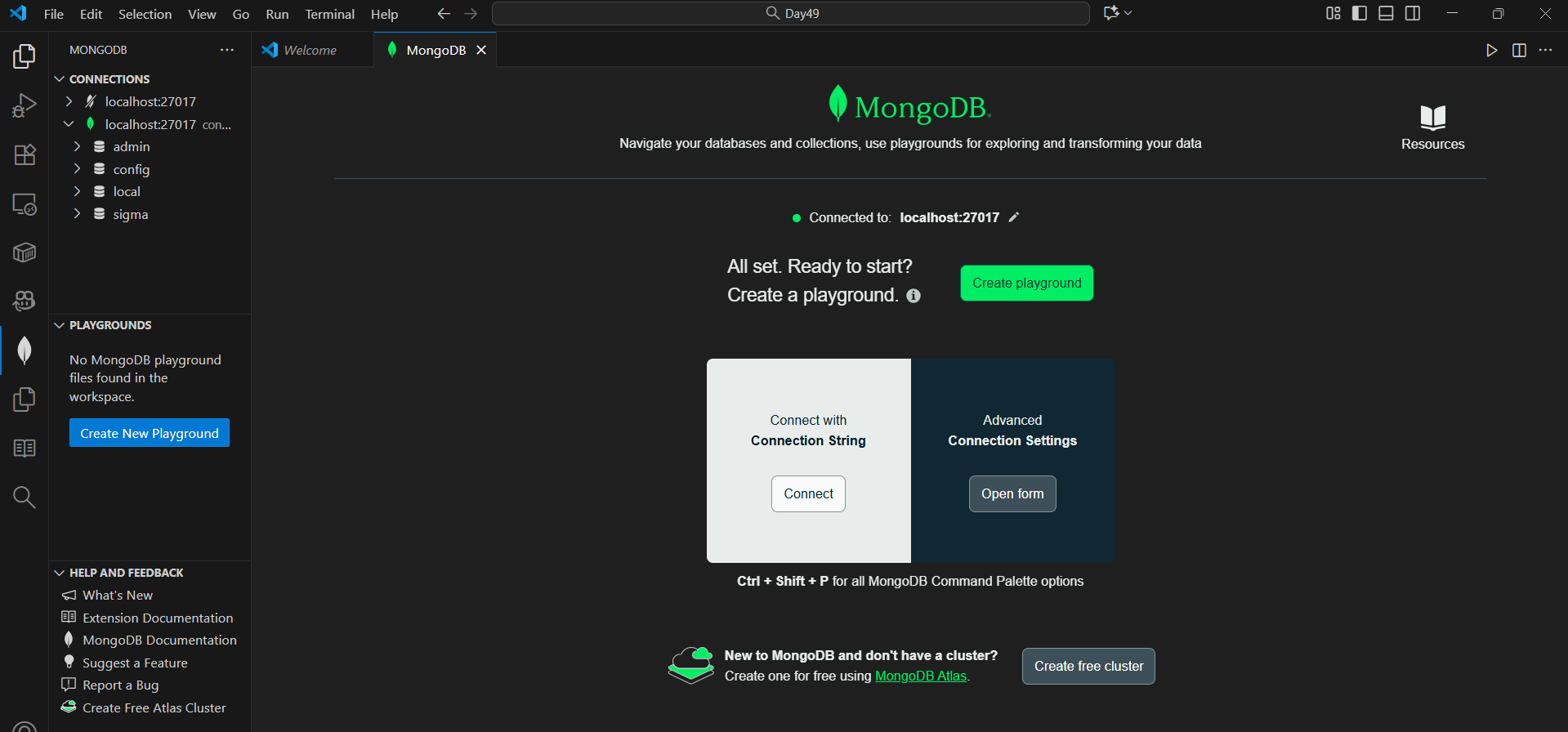


**“Web Development + Security”**

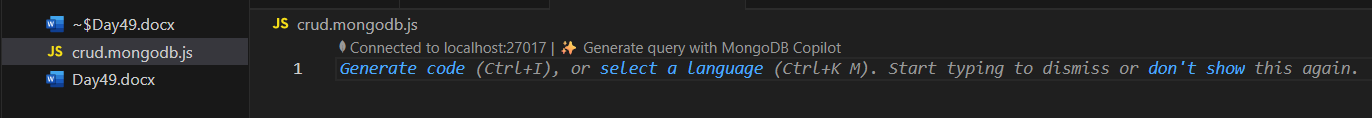
**CRUD operations in MongoDB:**

CRUD operations (Create, Read, Update, Delete).

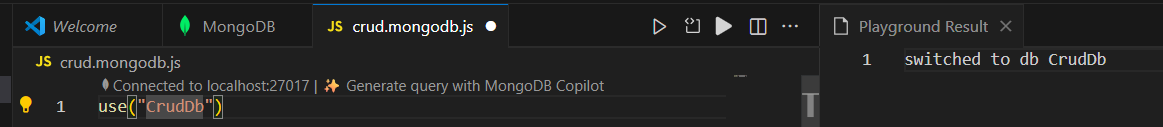
First connect the MongoDb to the VScode:



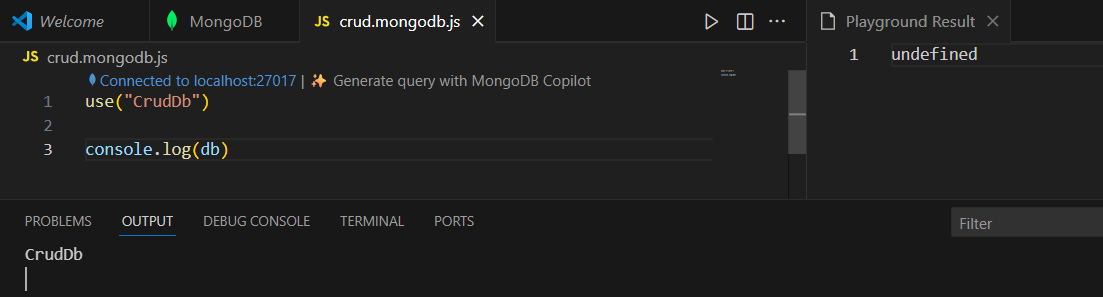
Now, we are creating our own playground: file name be crud.mongodb.js



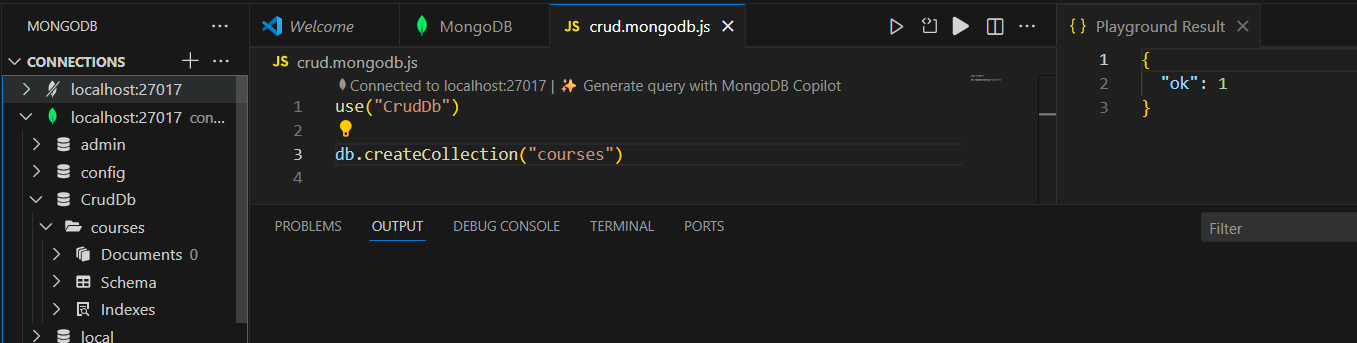
Now, suppose we want to use the Db named “CrudDb” (it may not exists), then we will use the following code: clearly, it switched to CrudDb Db.



Now, to see which Db we are using, we can use console.log(db), as shown below: clearly it says CrudDb is used.



Now, in order to create a new collection in the CrudDb, we will use createCollection, as shown below: clearly it worked as expected.

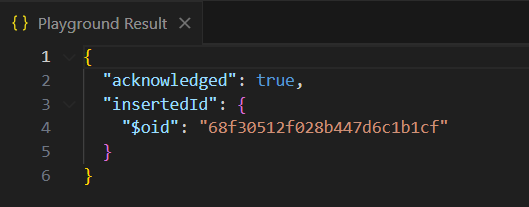


Now, in order to insert a document in the collection we will use the .insertOne, as shown below:

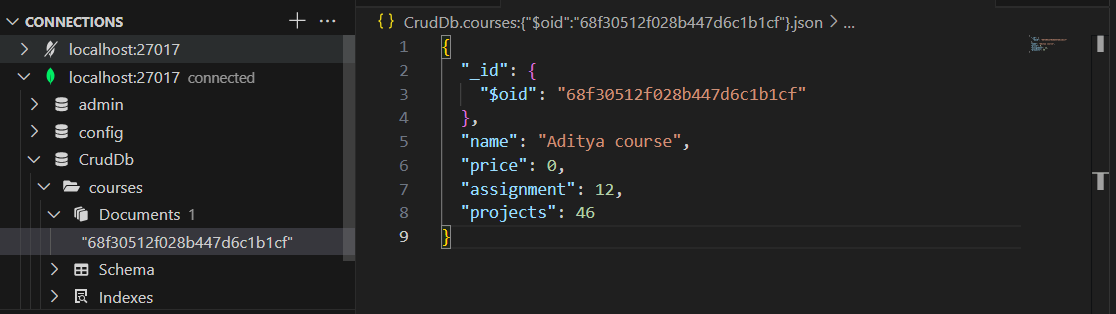
Code:



Playground result:



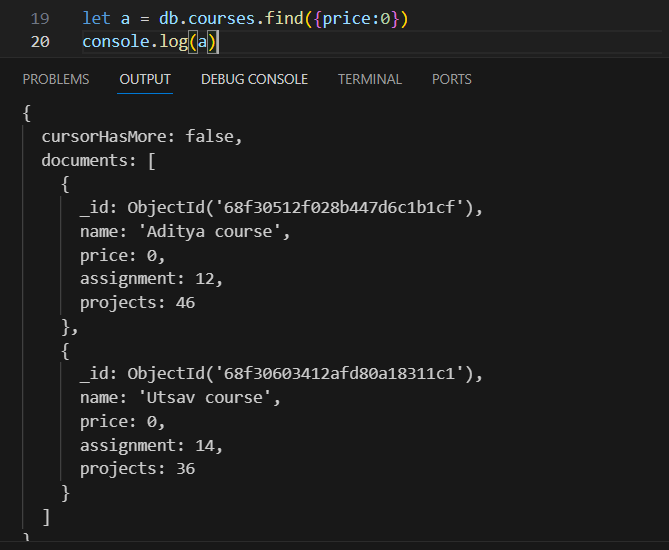
DB json:



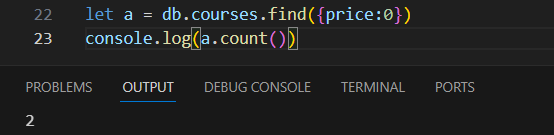
Now, similarly, insert the next document: make sure to comment out earlier one otherwise it will get repeated.

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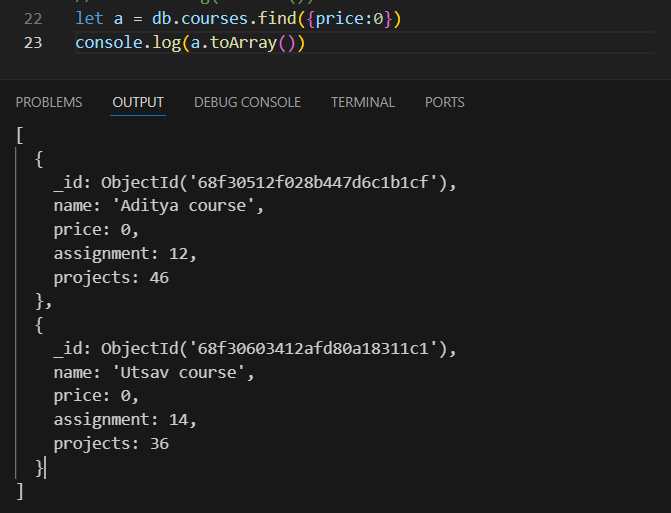
Now, suppose we want to find those courses where the price is 0, then we will use .find() as shown below:

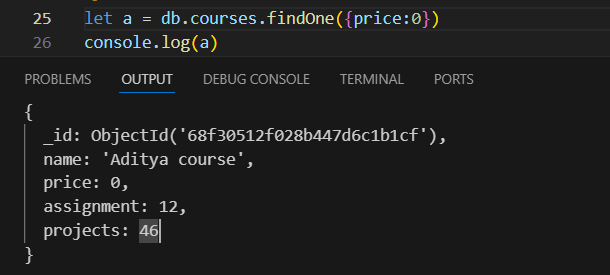


Now, suppose we want to count the number of results returned by above “a”, since it is a cursor, we can count using .count(), as shown below: so basically in the Db we have 2 documents whose price is 0.

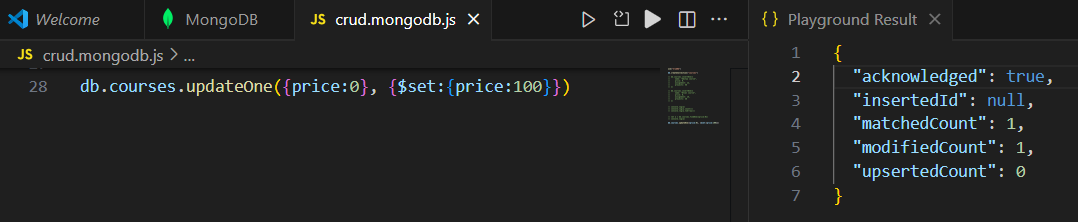


Now, in order to get all the Documents in the form of array we will use: .toArray()

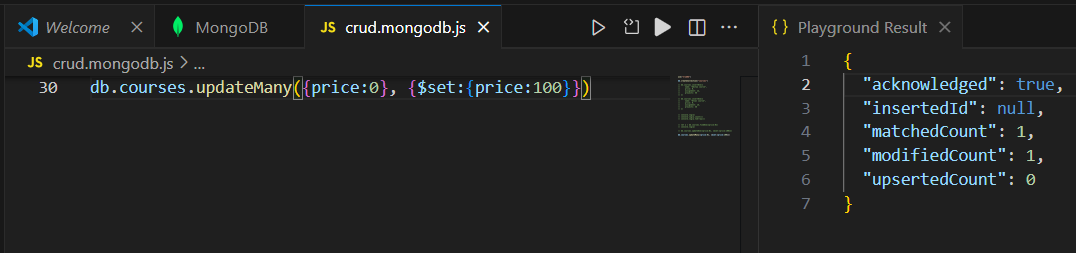


Now, in case we want to get the first result whose price is 0, we will use .findOne() as shown below:  


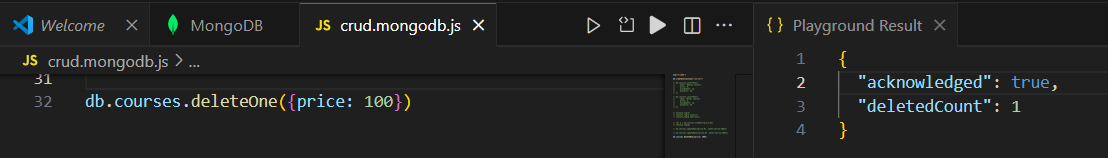
Now, in case we want to update the value we will use .updateOne, as shown below:



Now, in case we want to update all documents matching the condition, we will use .udpateMany() as shown below:



Now, in case we want to delete the documents matching a certain condition we will use .deleteOne(), as shown below:



--The End--