

NAME -SAHIL
ROLL NO.-22CS3052
WEB ASSIGNMENT

Q1-

```
const mongoose = require('mongoose');

async function main(){
  await
mongoose.connect('mongodb://127.0.0.1:27017/test3');
}

main()
.then(()=>{console.log("Connected Succesfully");})
.catch((err)=>{console.error(err);});

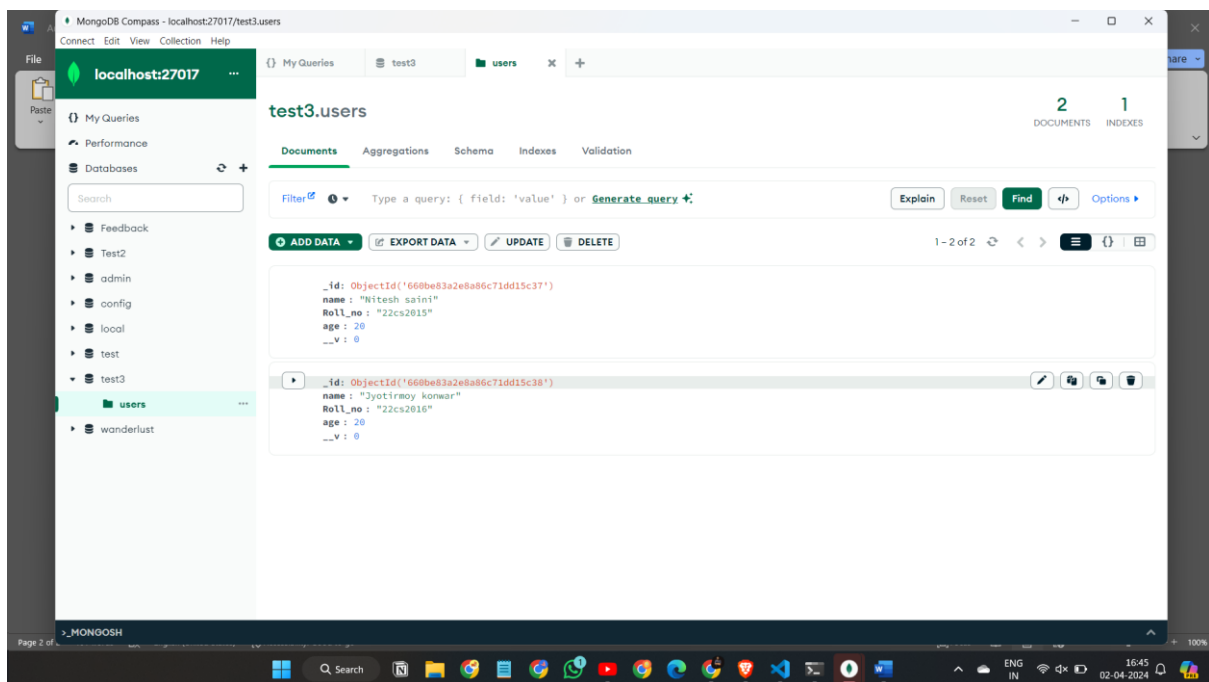
const userSchema = new mongoose.Schema({
  name:String,
  Roll_no:String,
  age:Number,
});

const User = mongoose.model("User",userSchema); //
Making the model or we can say making the collection
and giving the template to the collection.

const user1=new User({ // Inserting one by one or
making the document for the collection User.
  name: "Nitesh saini",
  Roll_no: "22cs2015",
  age: 20
});
```

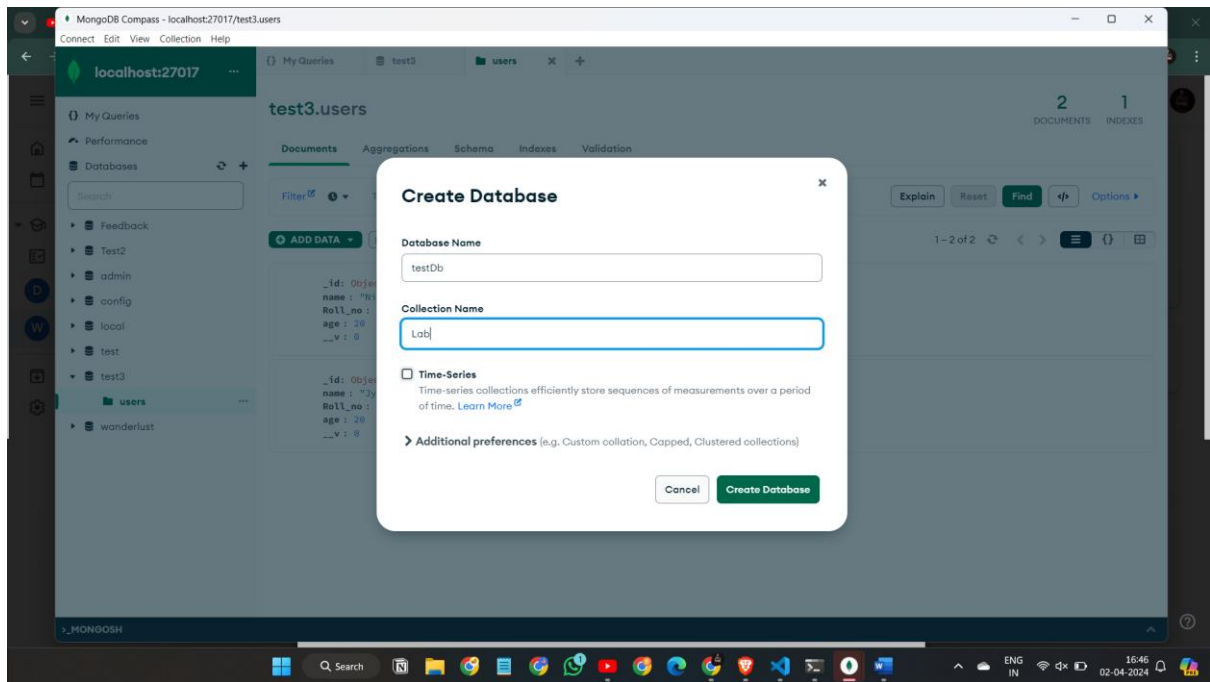
```
const user2=new User({ // Inserting or making the
document for the collection User.
  name: "Jyotirmoy konwar",
  Roll_no: "22cs2016",
  age: 20
});

user1.save();
user2.save();
```

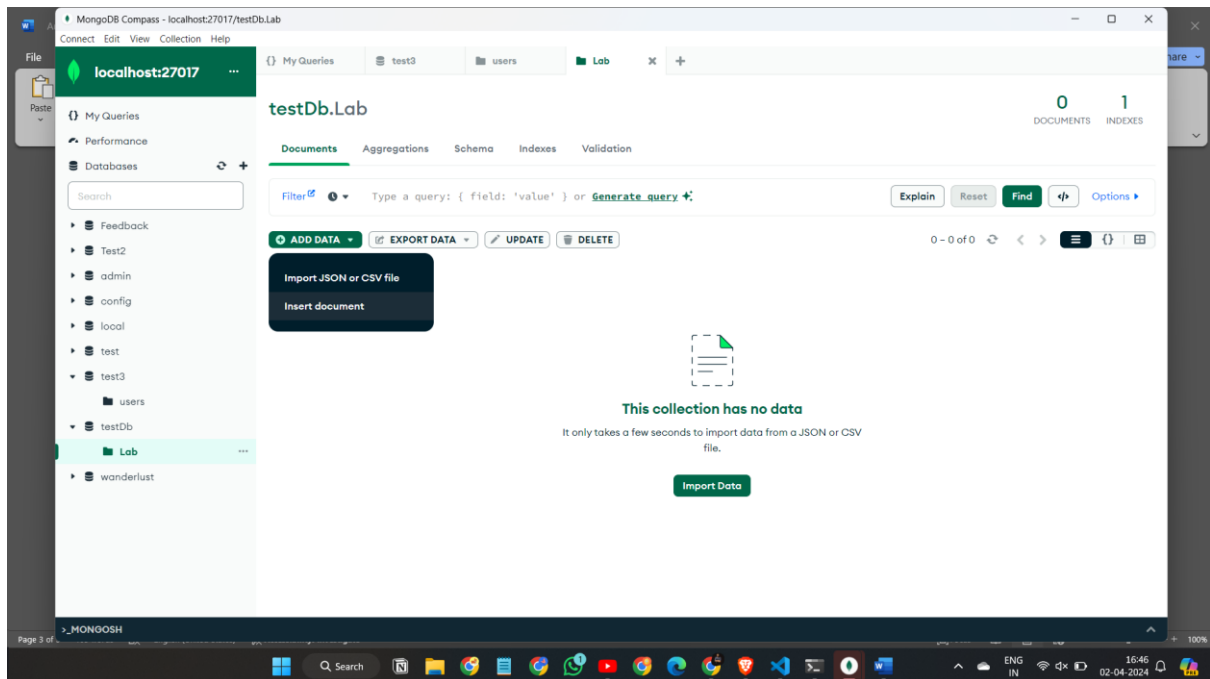


Q-2

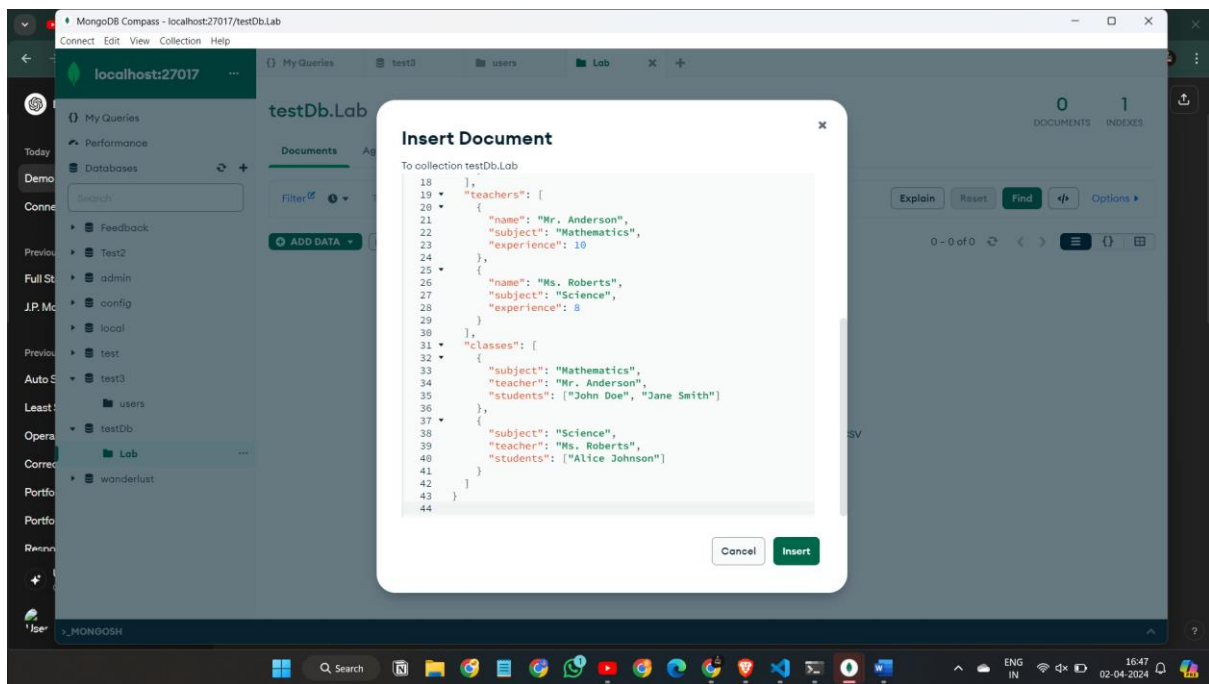
Step -1



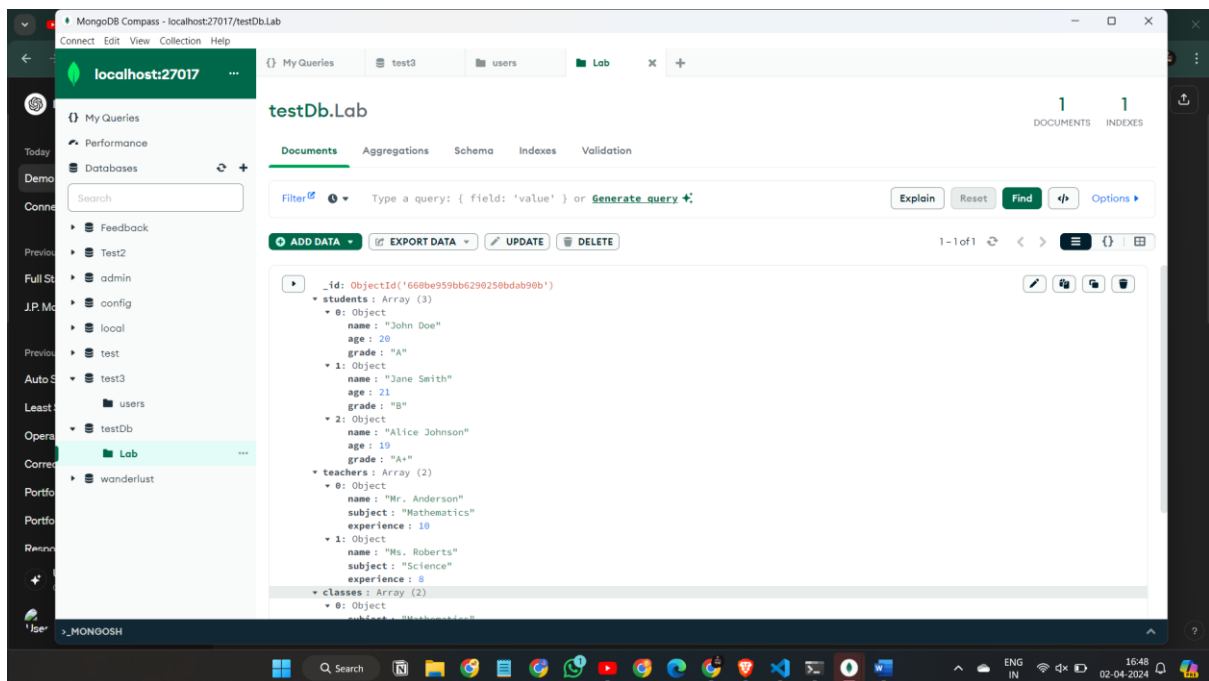
Step-2



Step-3

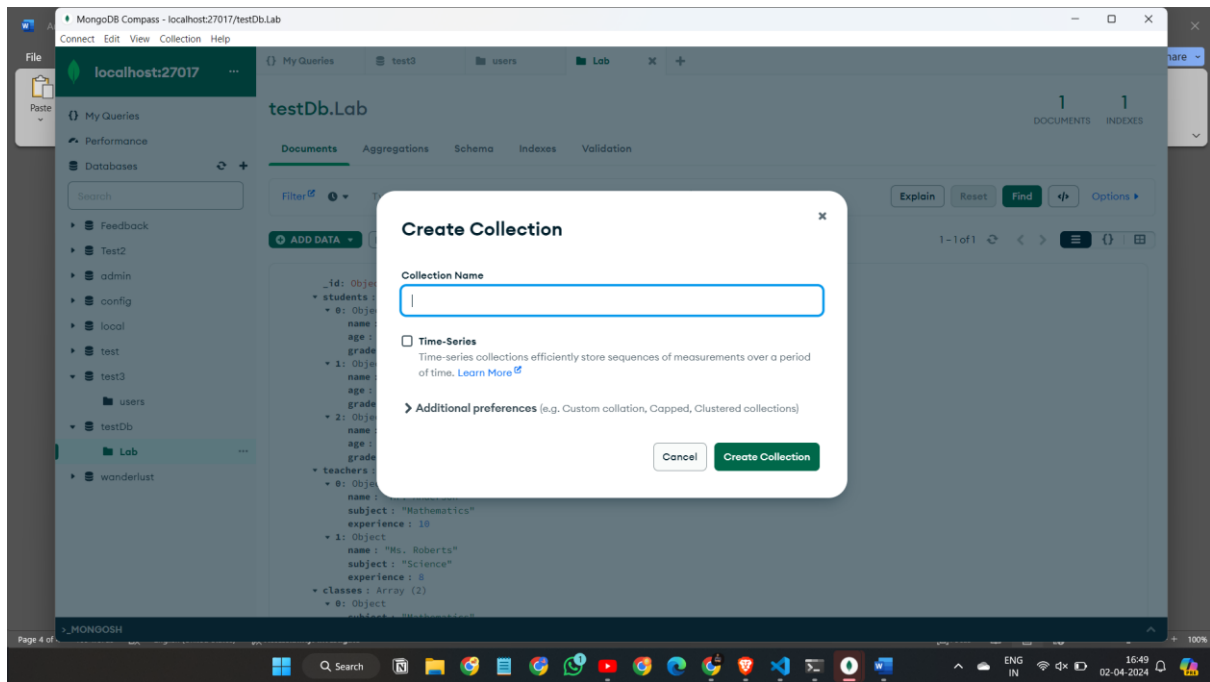


Step-4

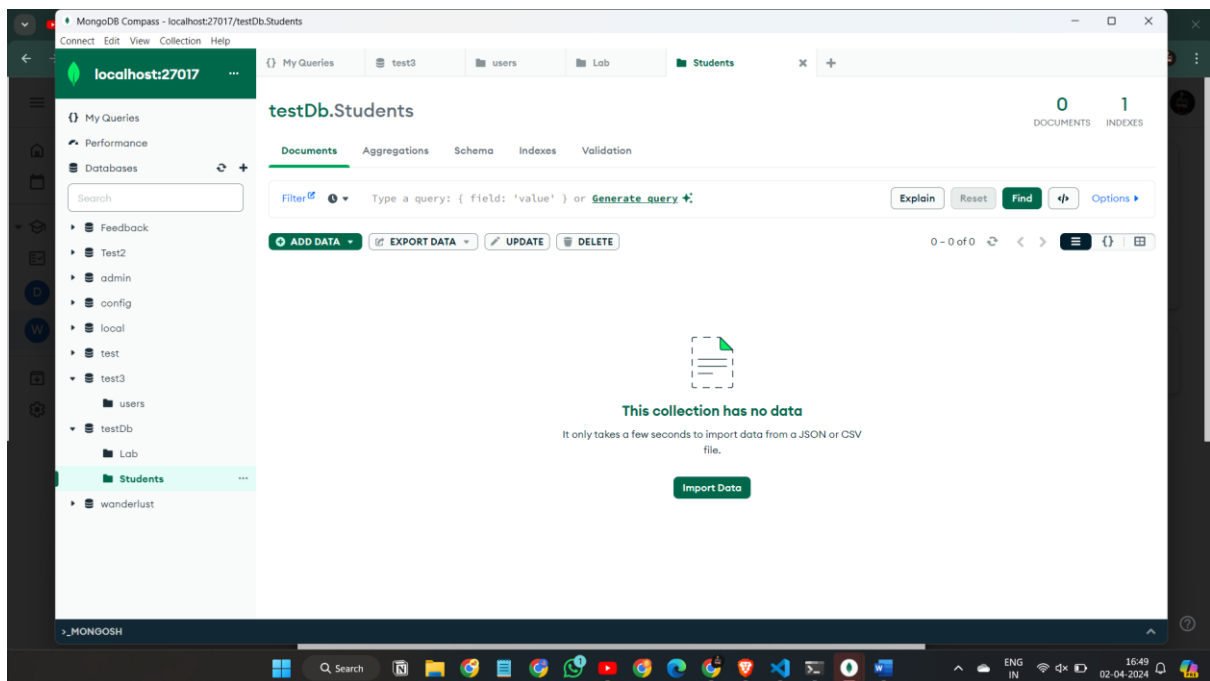


Q-3

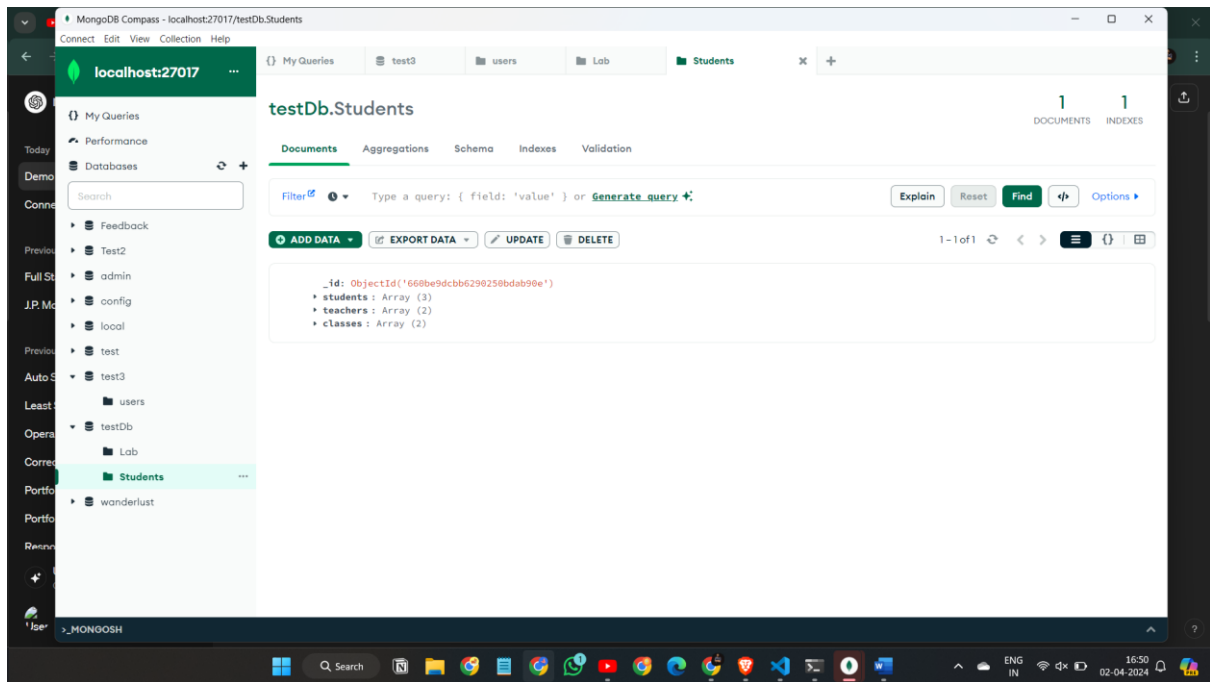
Step-1



Step-2

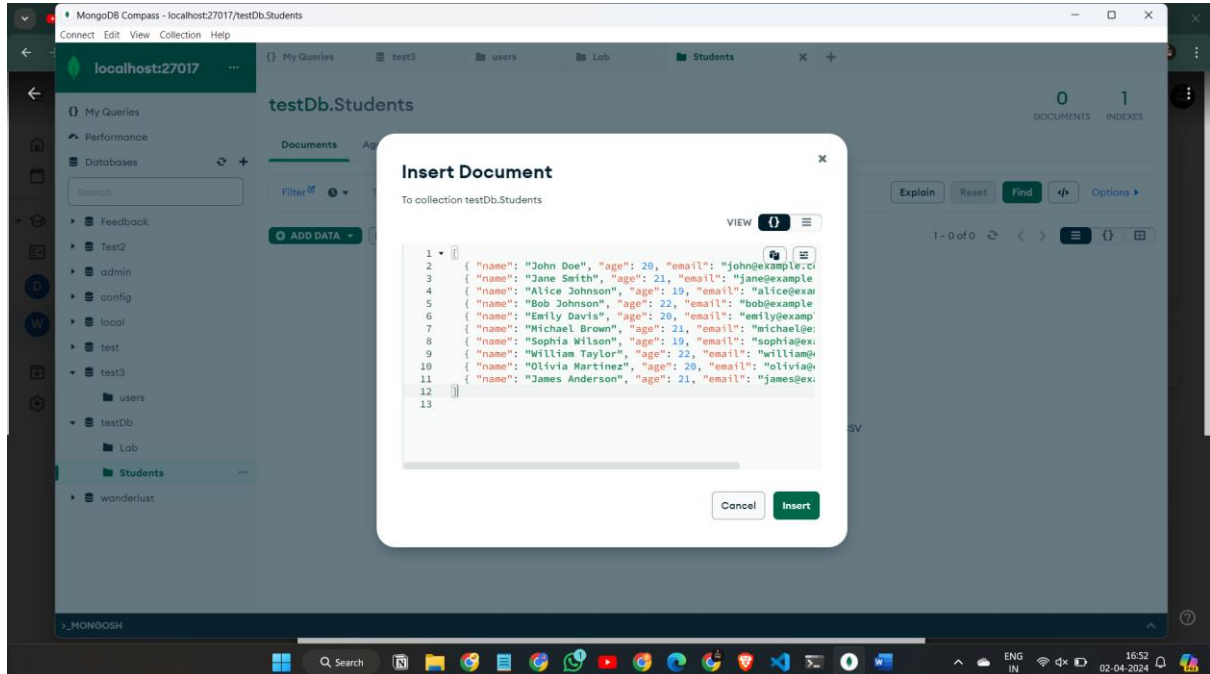


Step-3

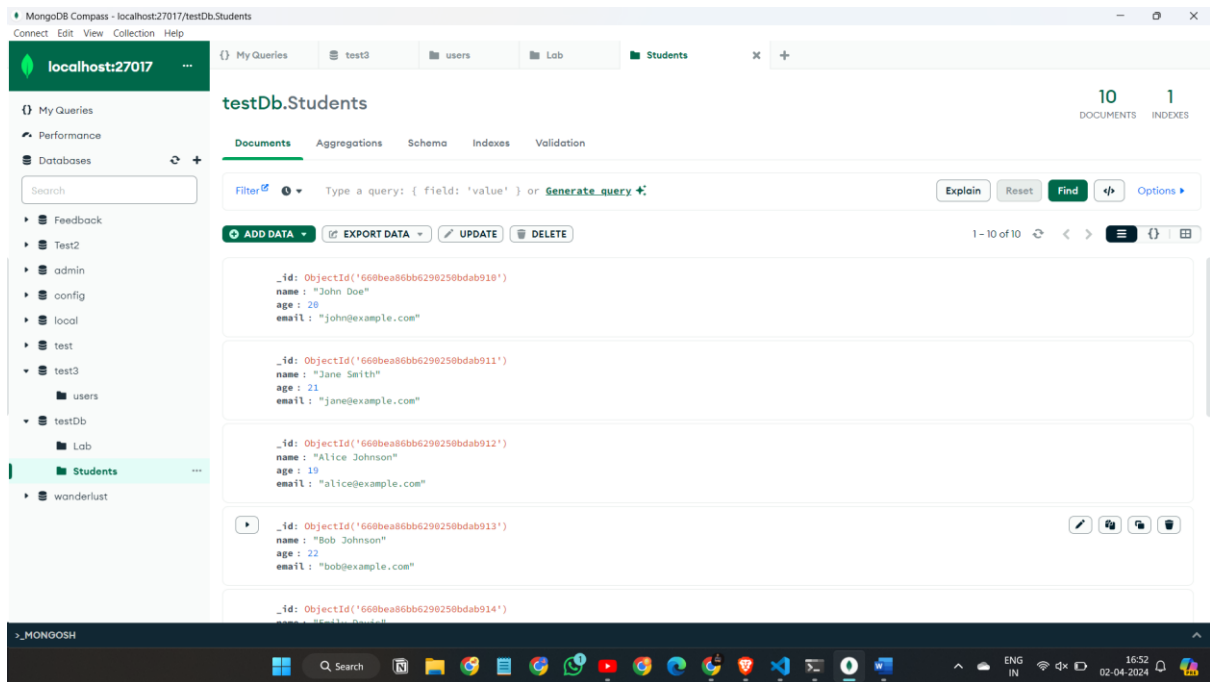


Q-4

Step-1

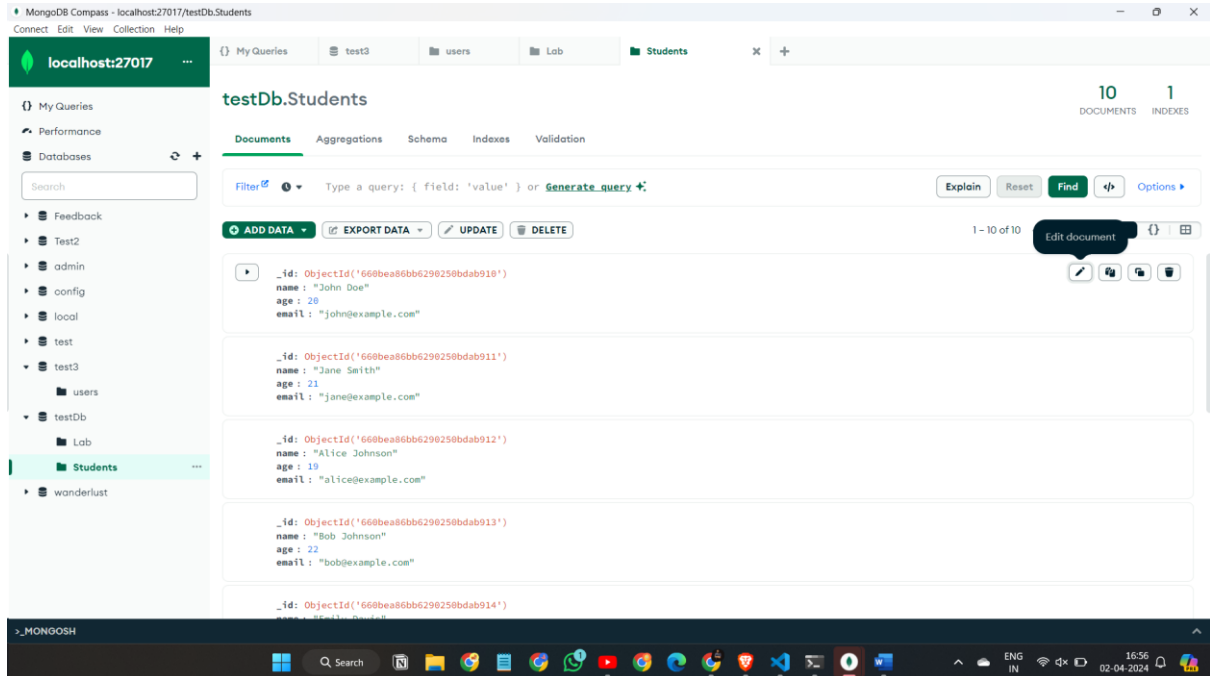


Q-5

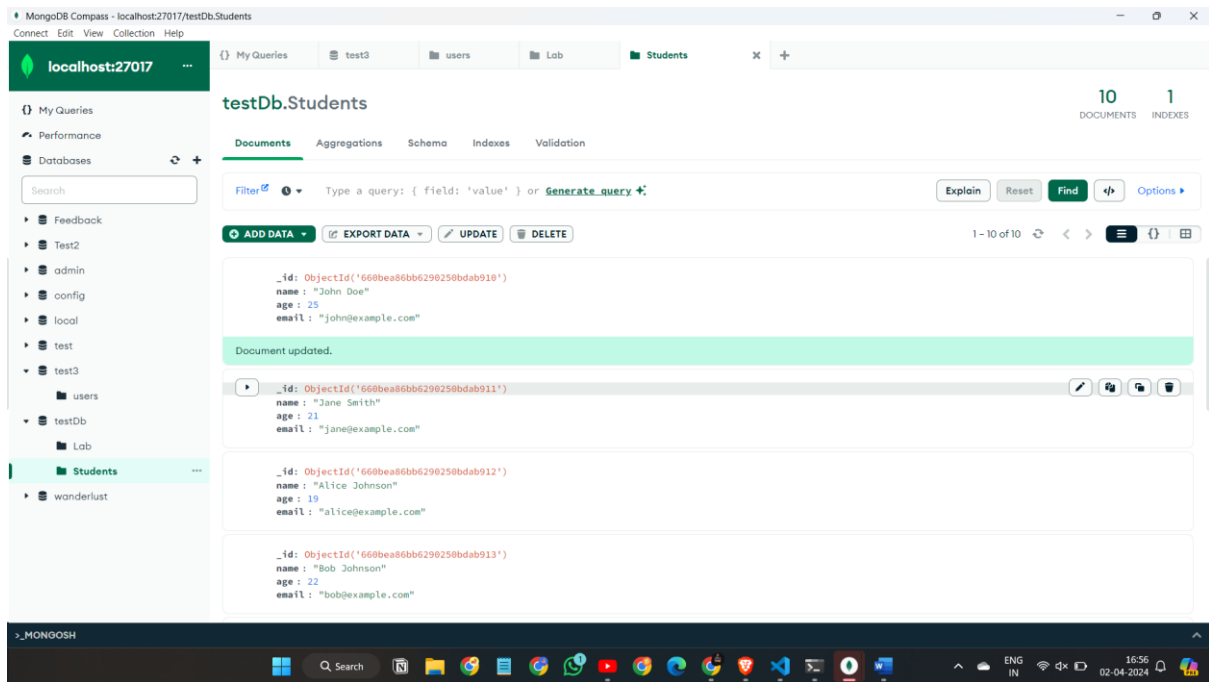


Q-6

Step-1

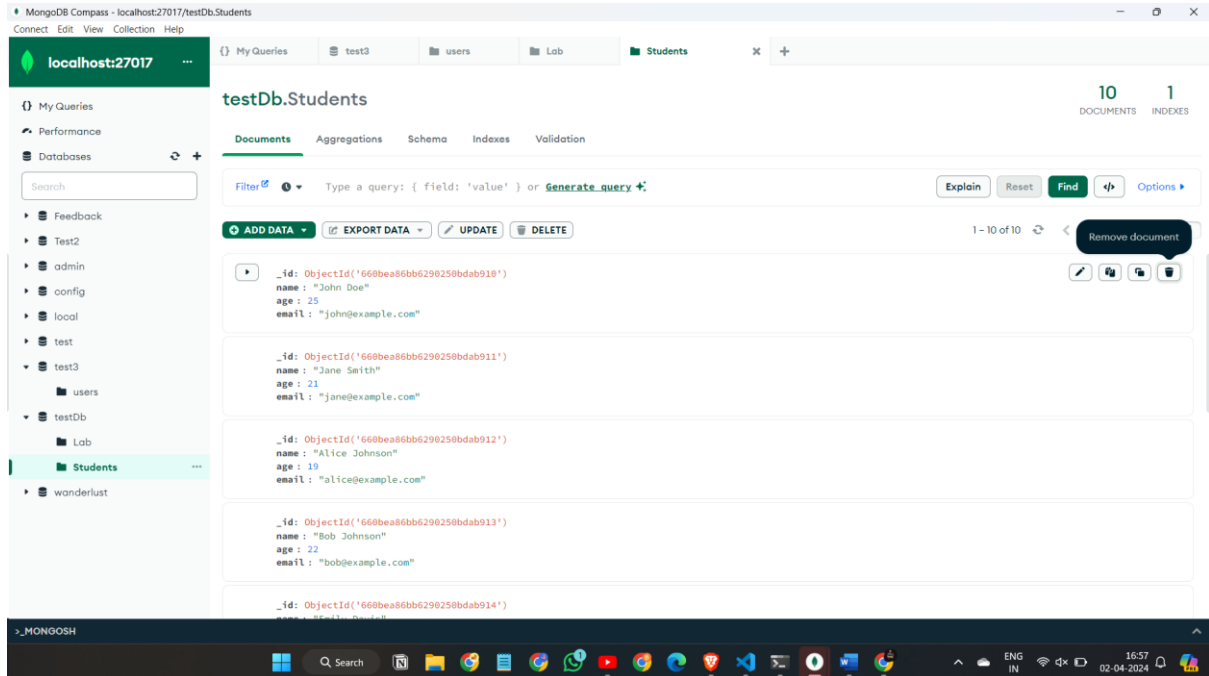


Step-2

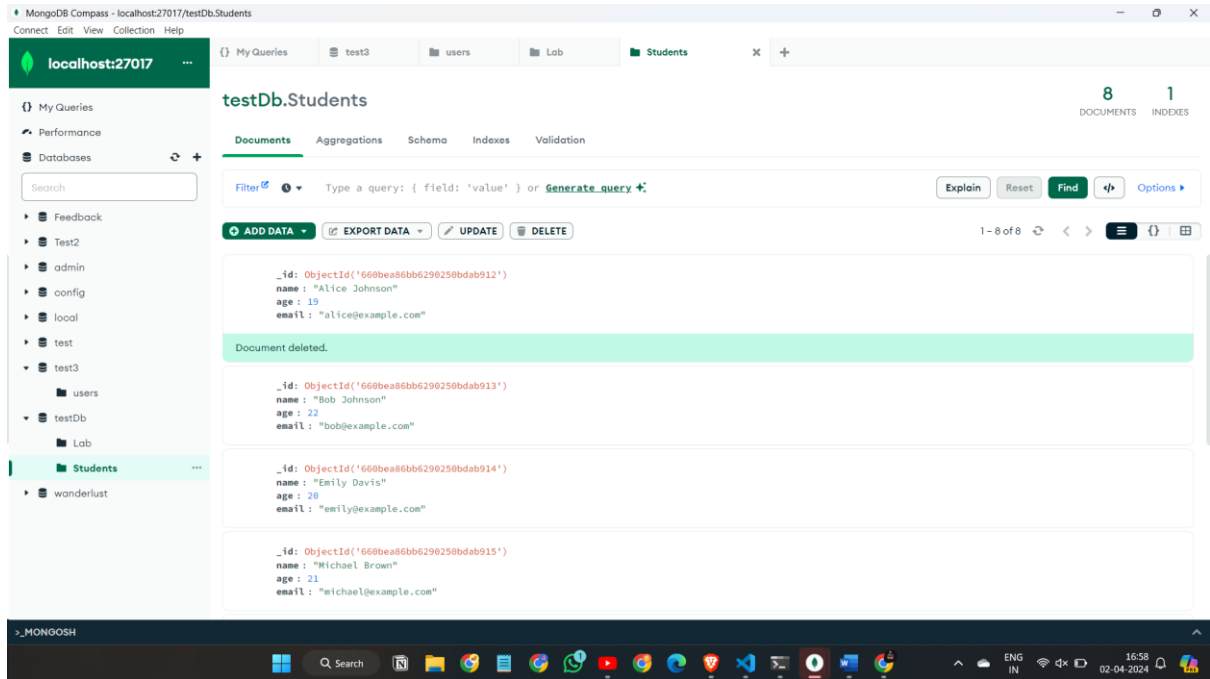


Q-7

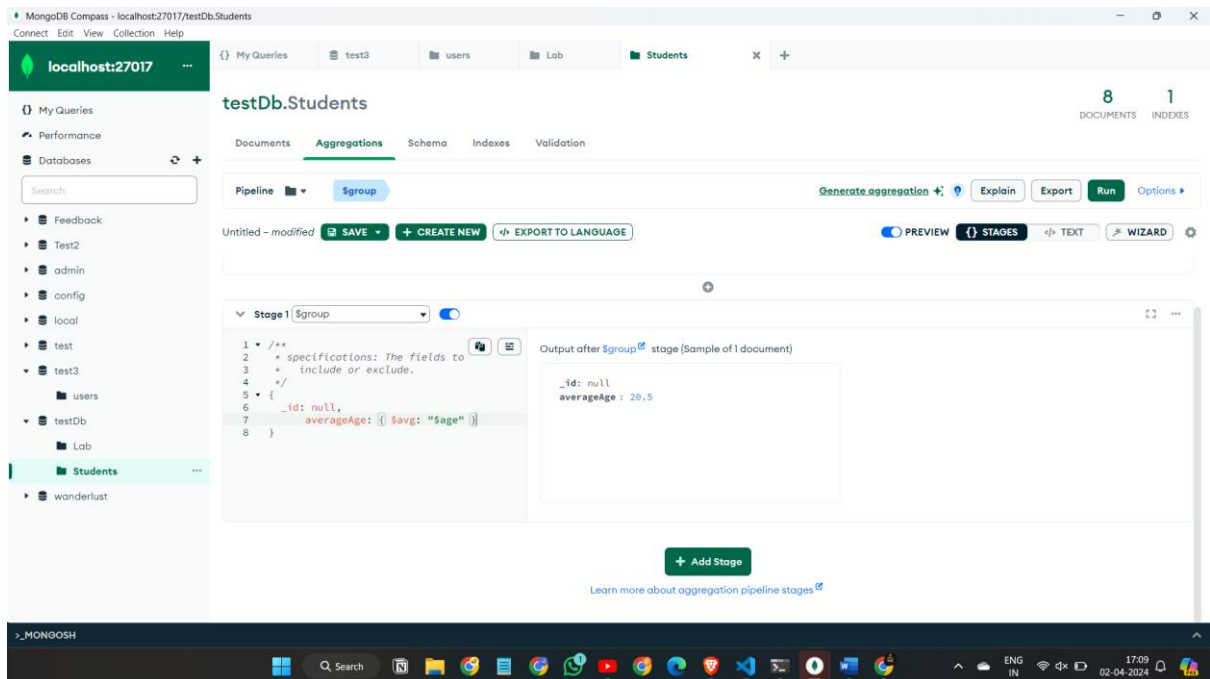
Step-1



Step-2

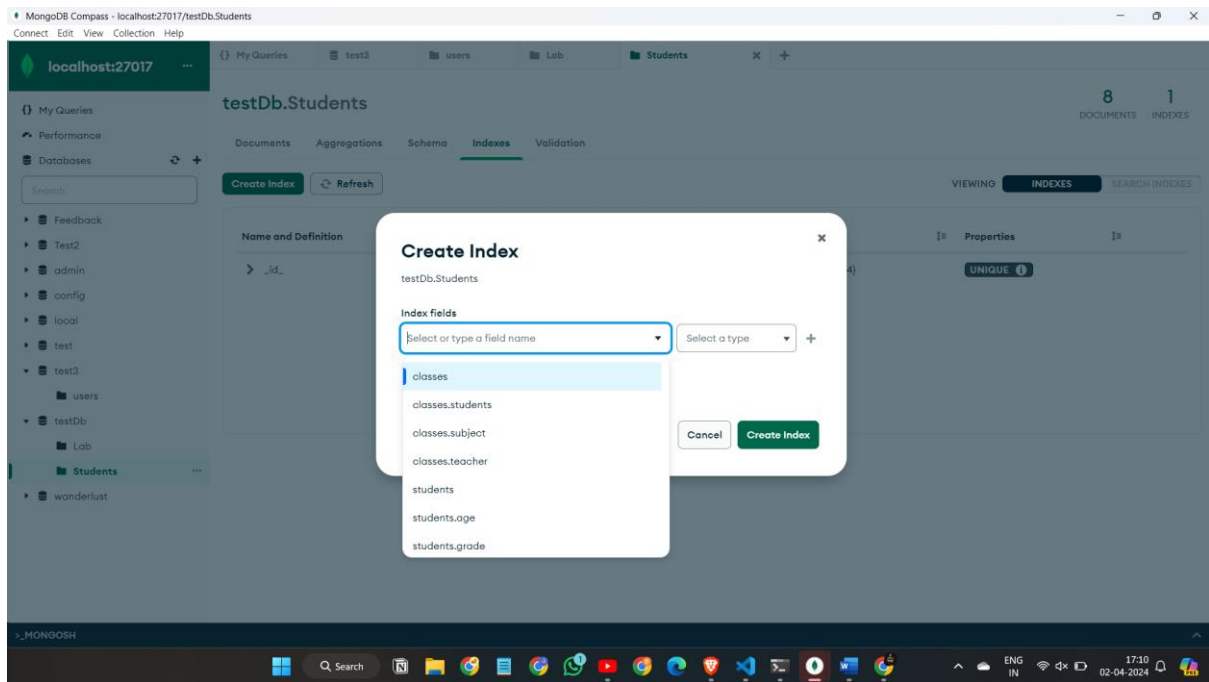


Q-8

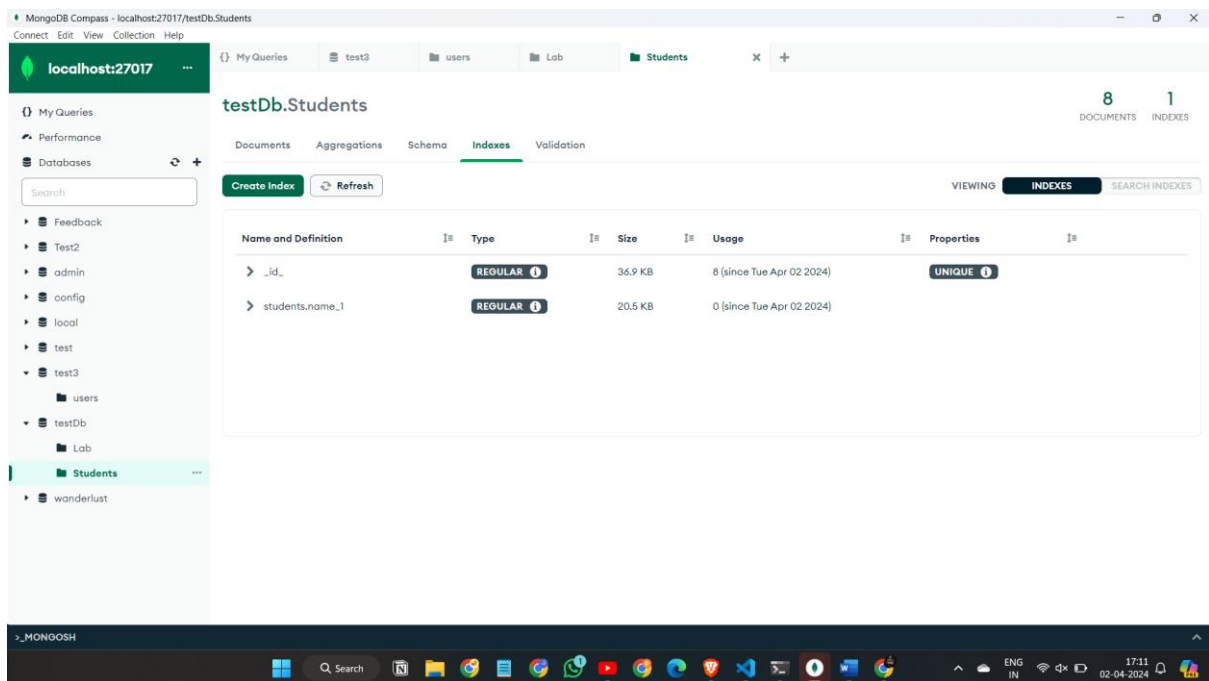


Q-9

Step-1

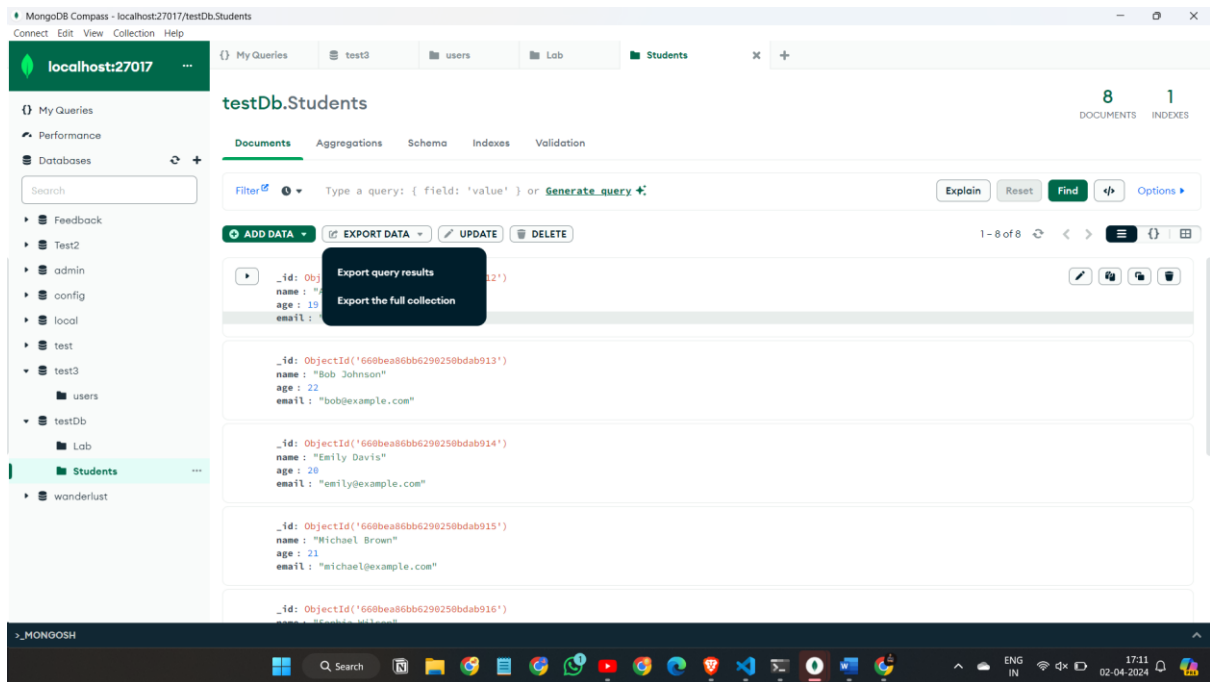


Step-2

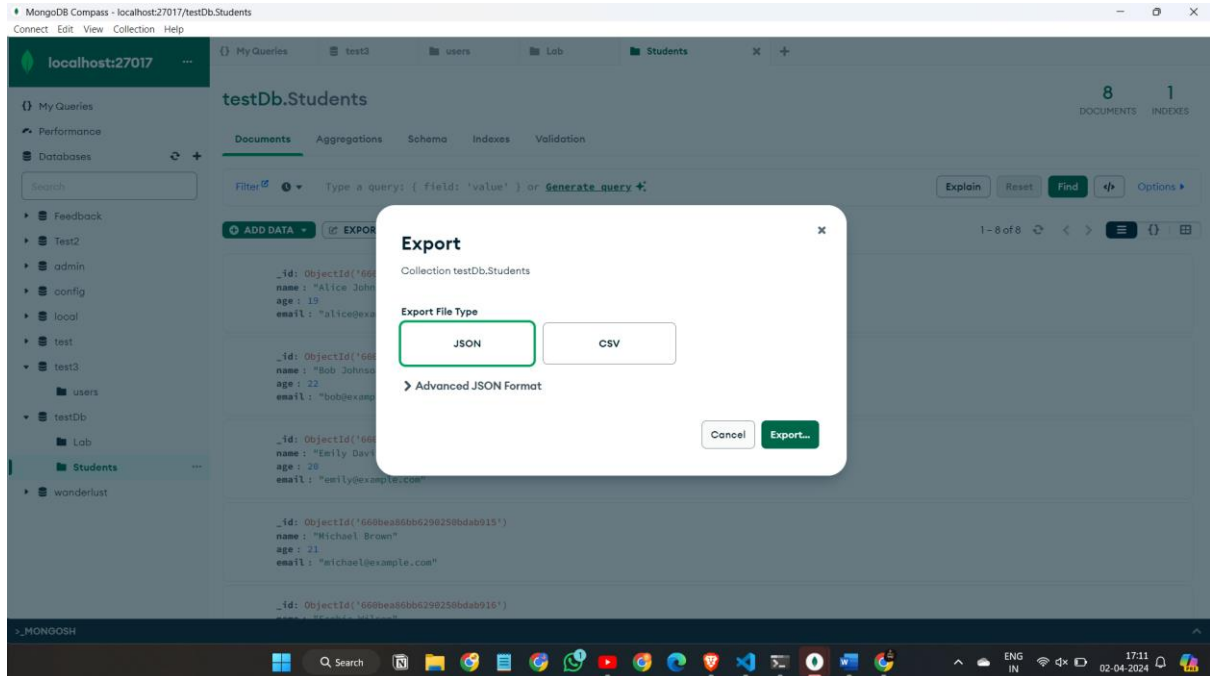


Q-10

Step-1

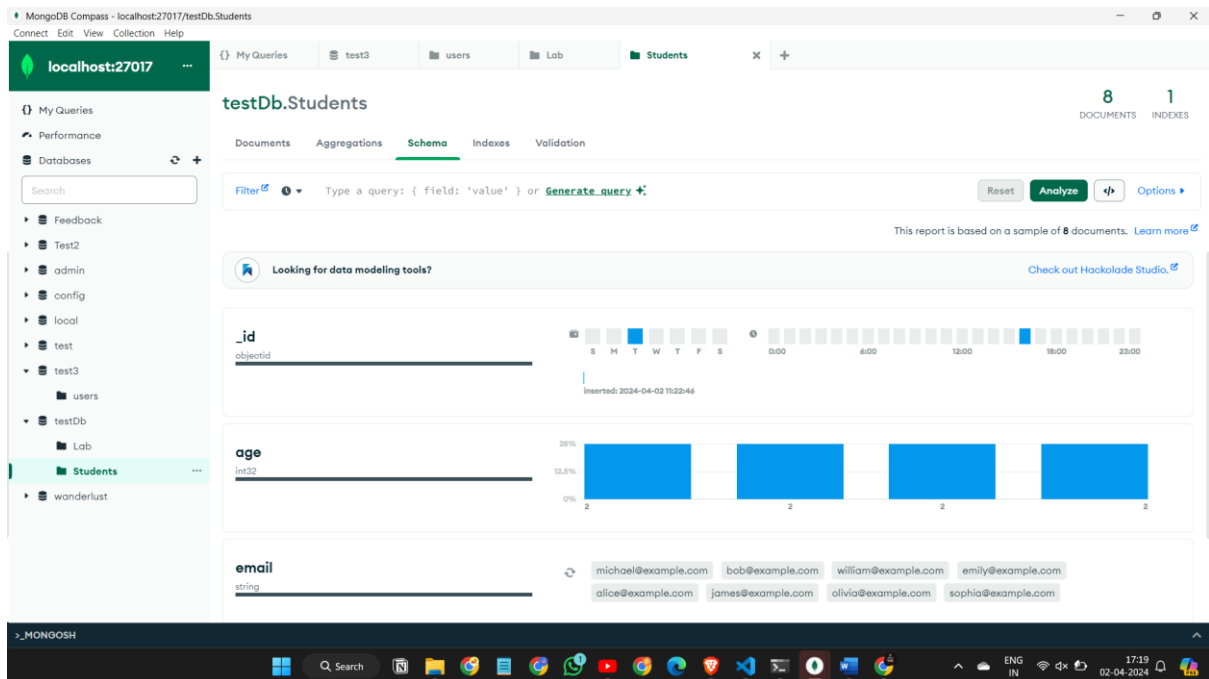


Step-2



Step-3

Q-13



Q-14

MongoDB Compass - localhost:27017/testDb.Students

Connect Edit View Collection Help

localhost:27017

My Queries test3 users Lab Students

testDb.Students

8 DOCUMENTS 1 INDEXES

Documents Aggregations Schema Indexes Validation

Validation Action Error Validation Level Strict

```
1 {
2   $jsonSchema: {
3     bsonType: 'object',
4     required: [
5       'name'
6     ],
7     properties: {
8       name: {
9         bsonType: 'string',
10        minLength: 1,
11        description: 'must be a non-empty string'
12      }
13    }
14  }
15 }
```

Sample documents

Passed validation

```
_id: ObjectId('660bea86bb6290250bdab915')
name: "Michael Brown"
age: 21
email: "michael@example.com"
```

Failed validation

No Preview Documents

>_MONGOSH

Search

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