

WEB ASSIGNMENT

RISHIRAJ

22MC3026

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 documen@for the collection User.
```

```
  name: "rishiraj
```

```
  Roll_no: "22mc3026
```

```
  age: 20
```

```
const user2=new User({ // Inserting or making the  
  document for the collection User.
```

```
name: "rishi",  
22mc3025
```

```
age: 20
```

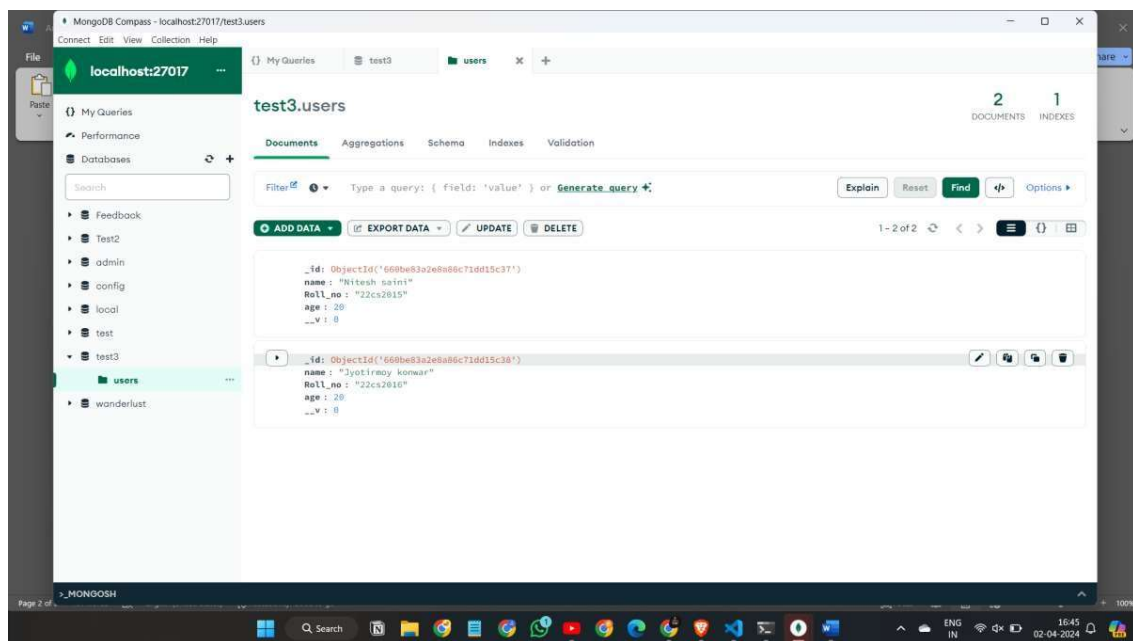
```
});
```

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

```
});
```

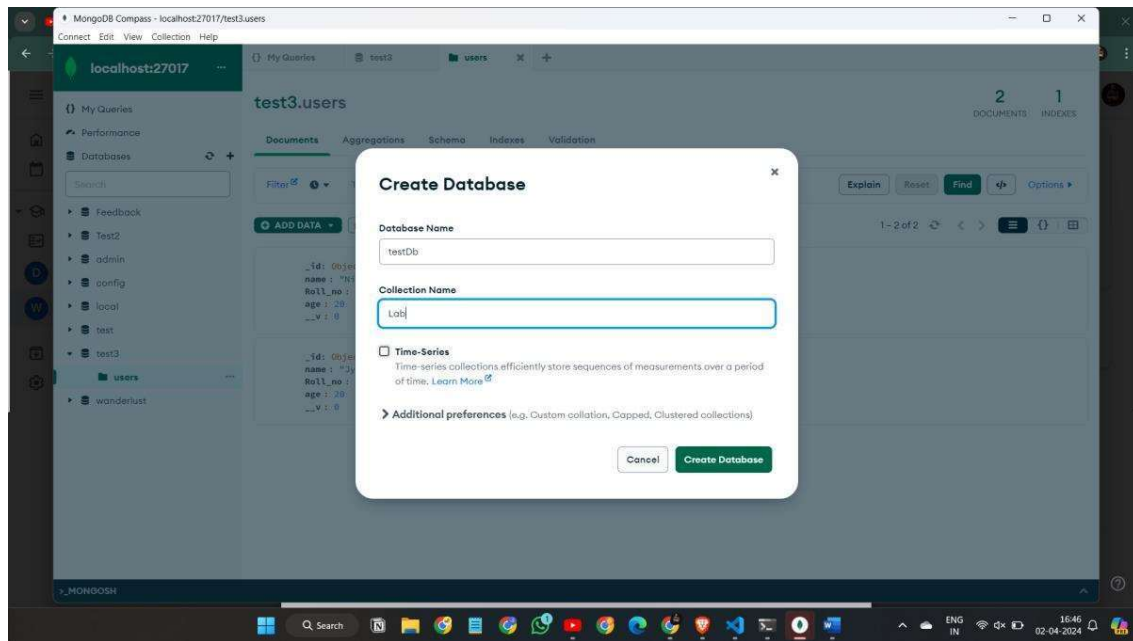
```
const user2=new User({ // Inserting or making the
document for the collection User.
  name: "Jyotirmoy konwar",
  Roll_no: 22mc
  age: 20
});

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

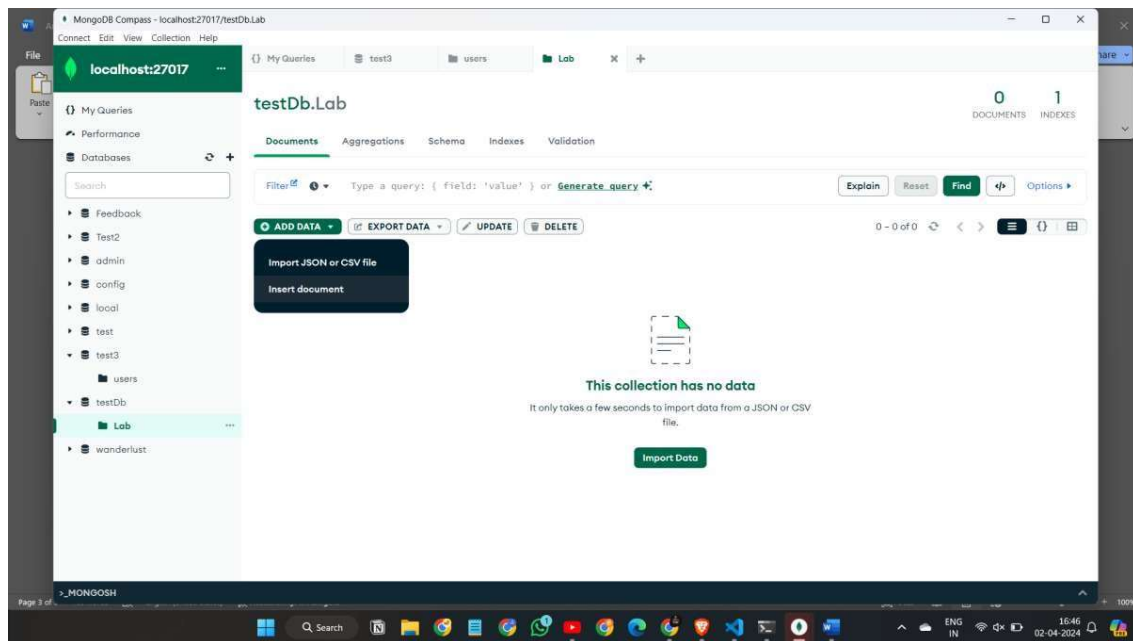


Q-2

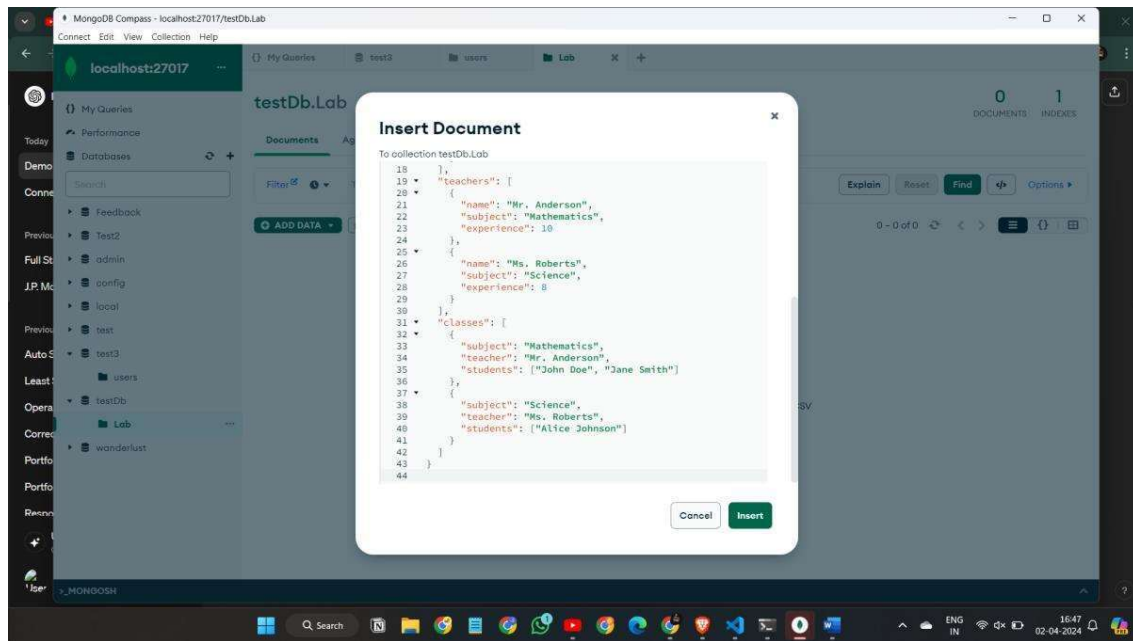
Step -1



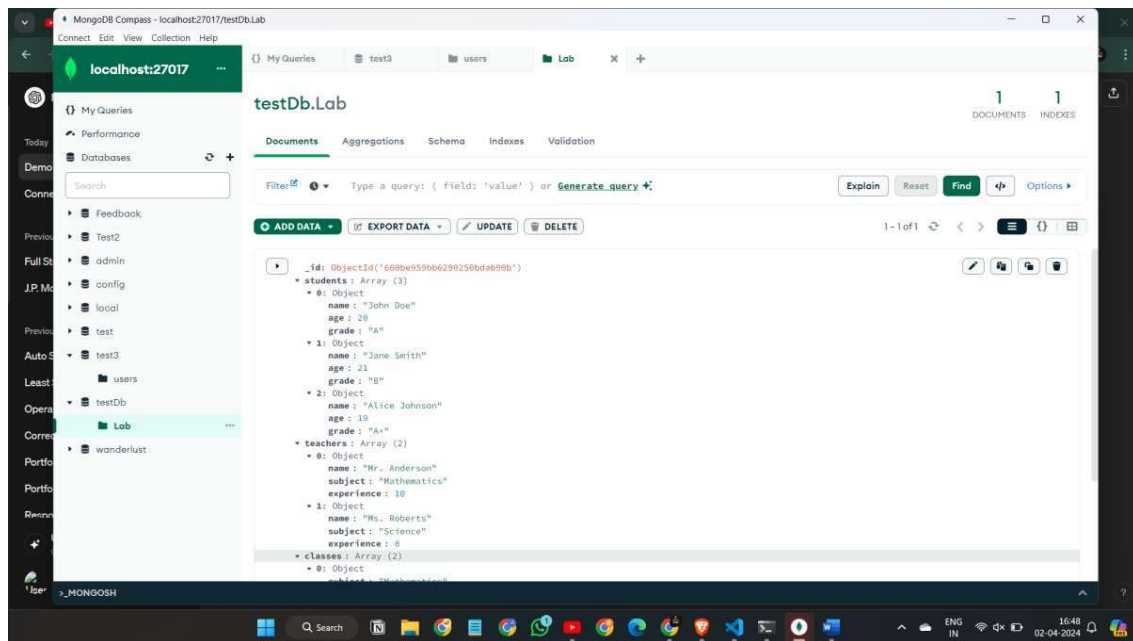
Step-2



Step-3

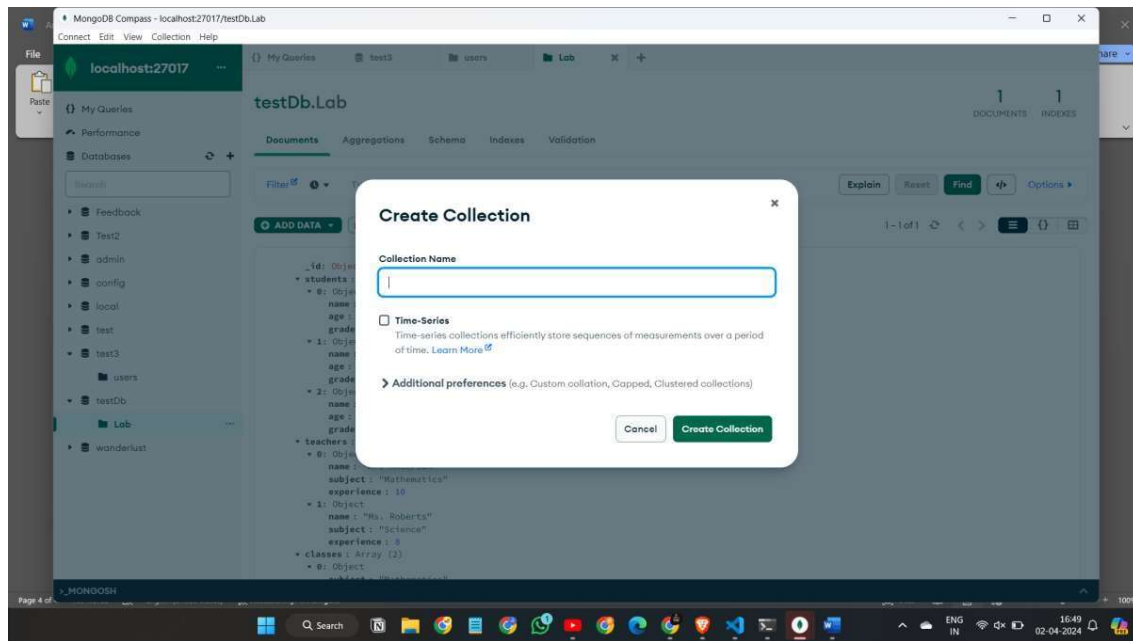


Step-4

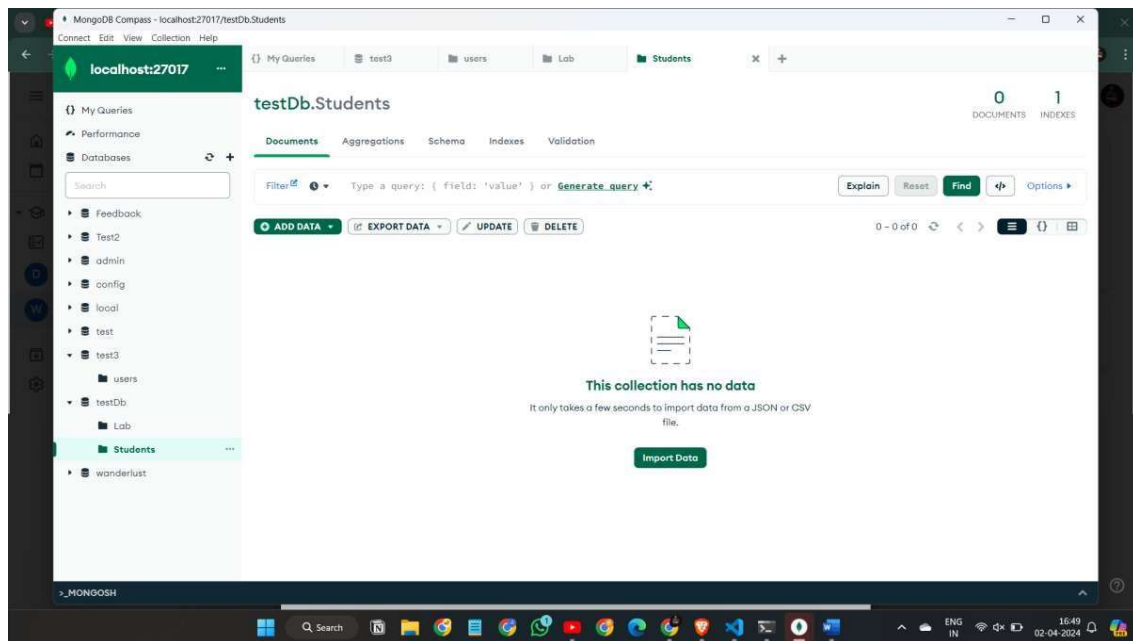


Q-3

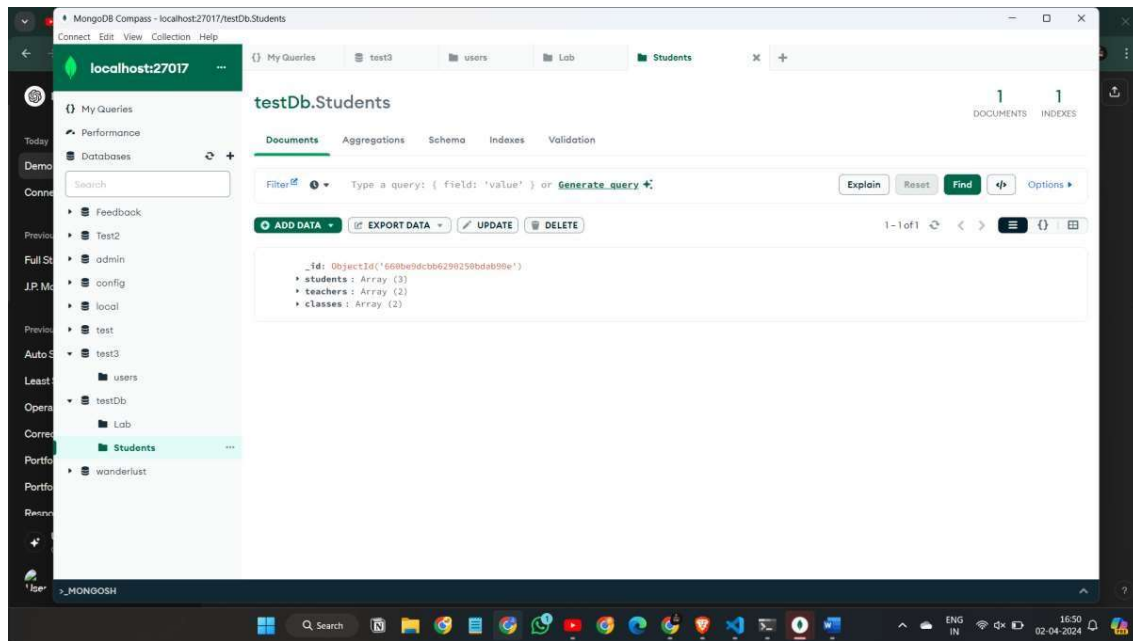
Step-1



Step-2

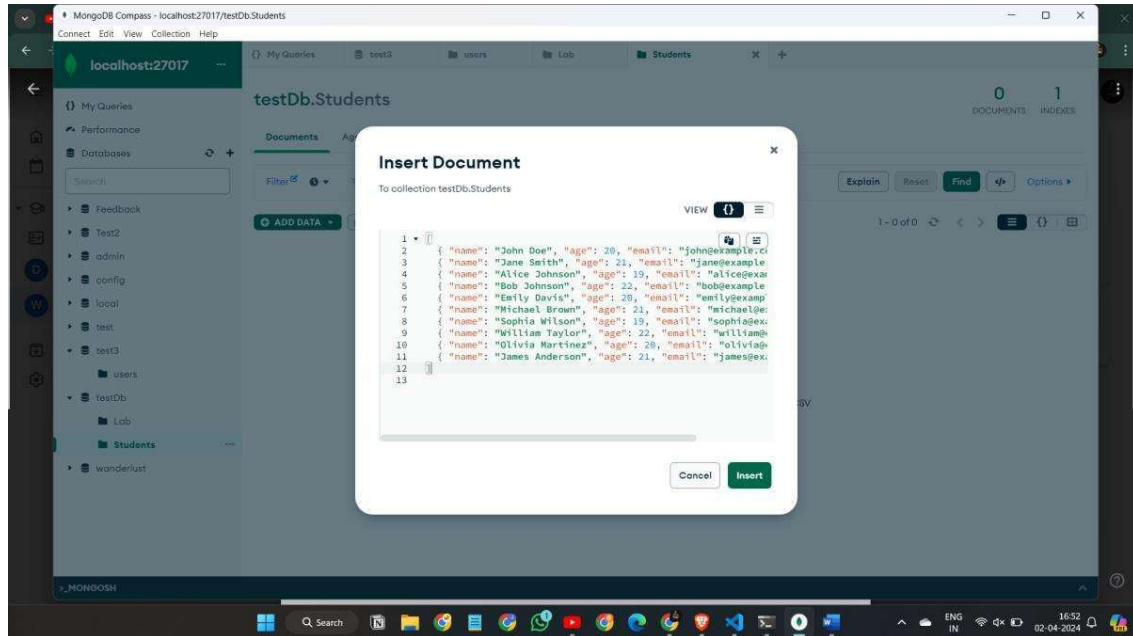


Step-3

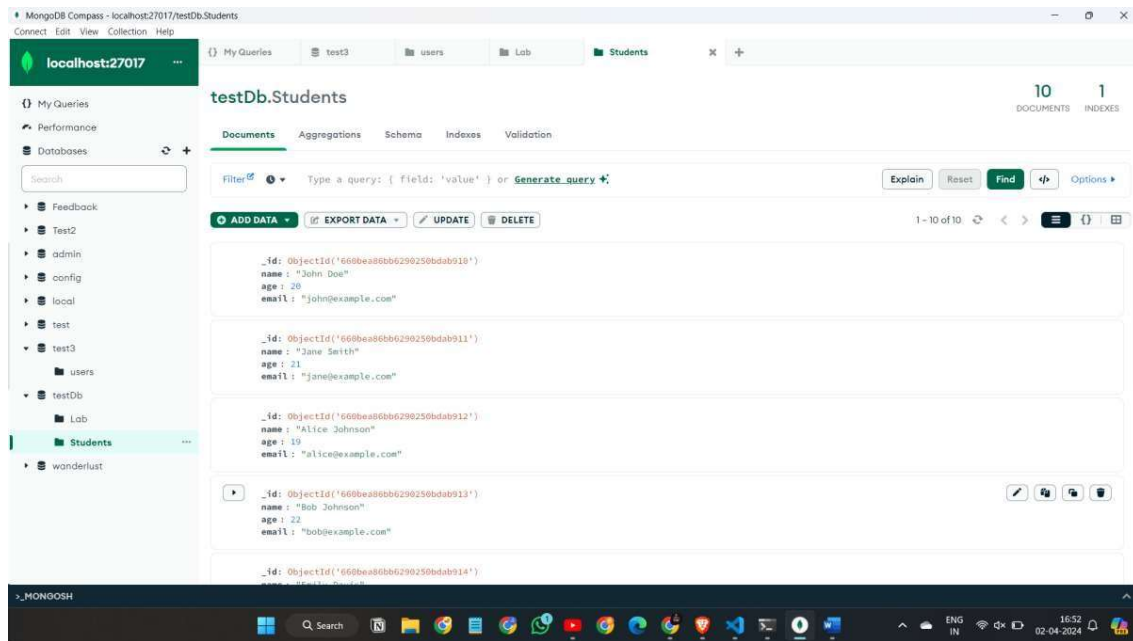


Q-4

Step-1

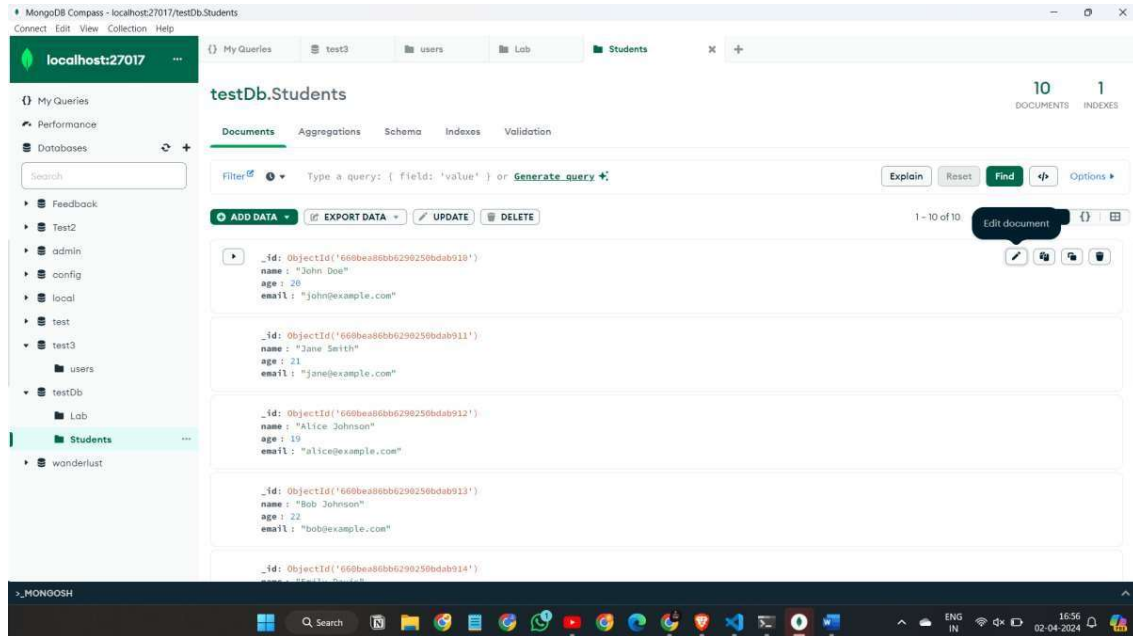


Q-5

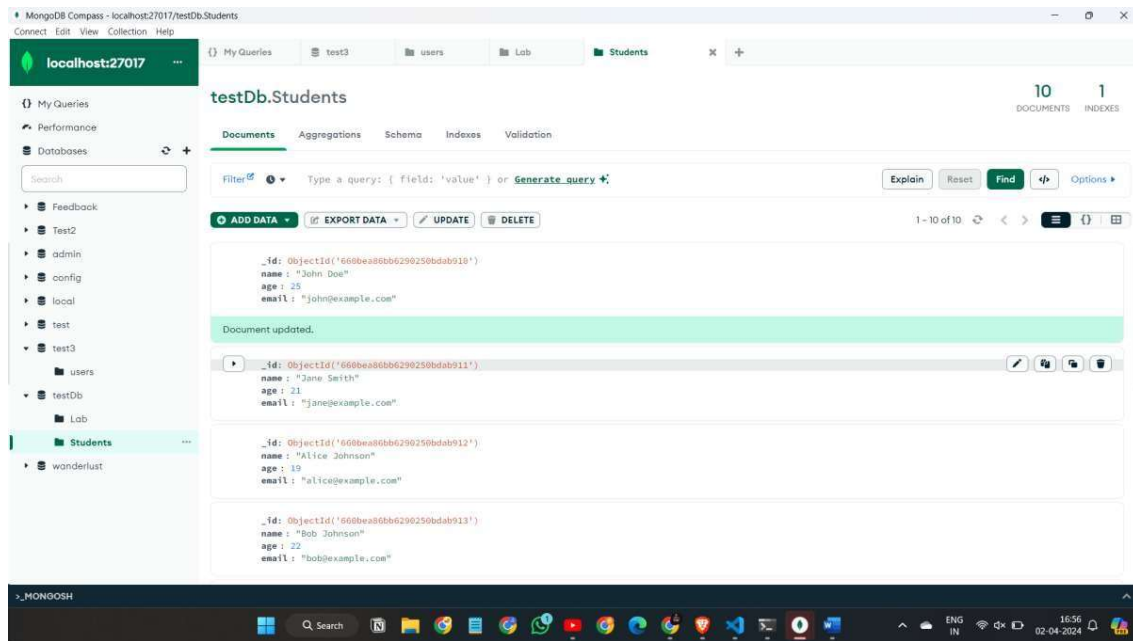


Q-6

Step-1

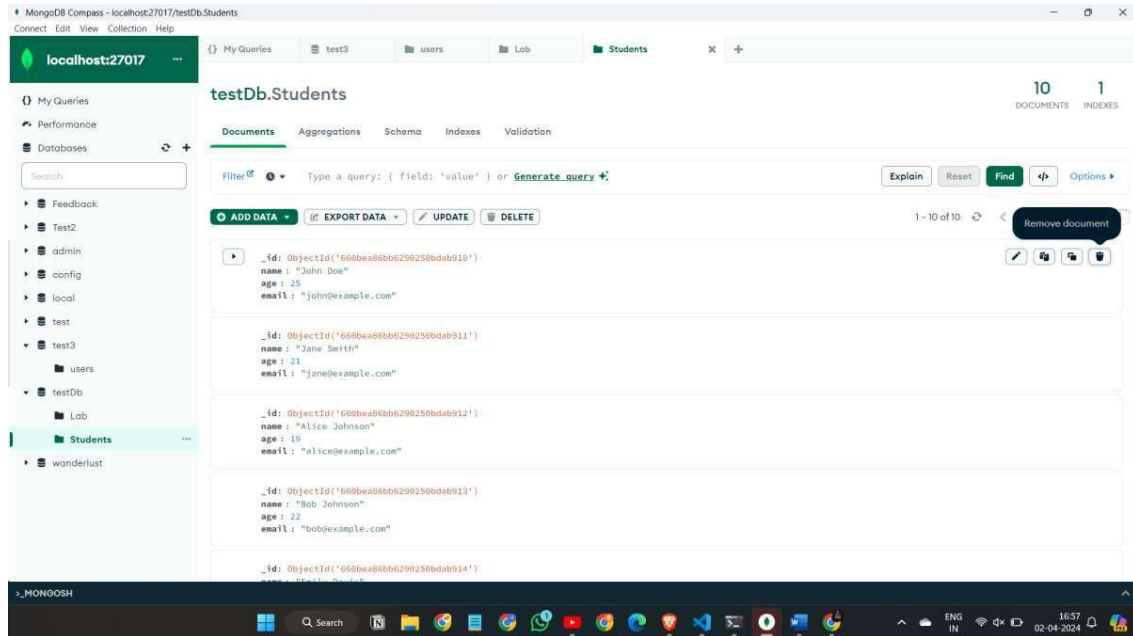


Step-2

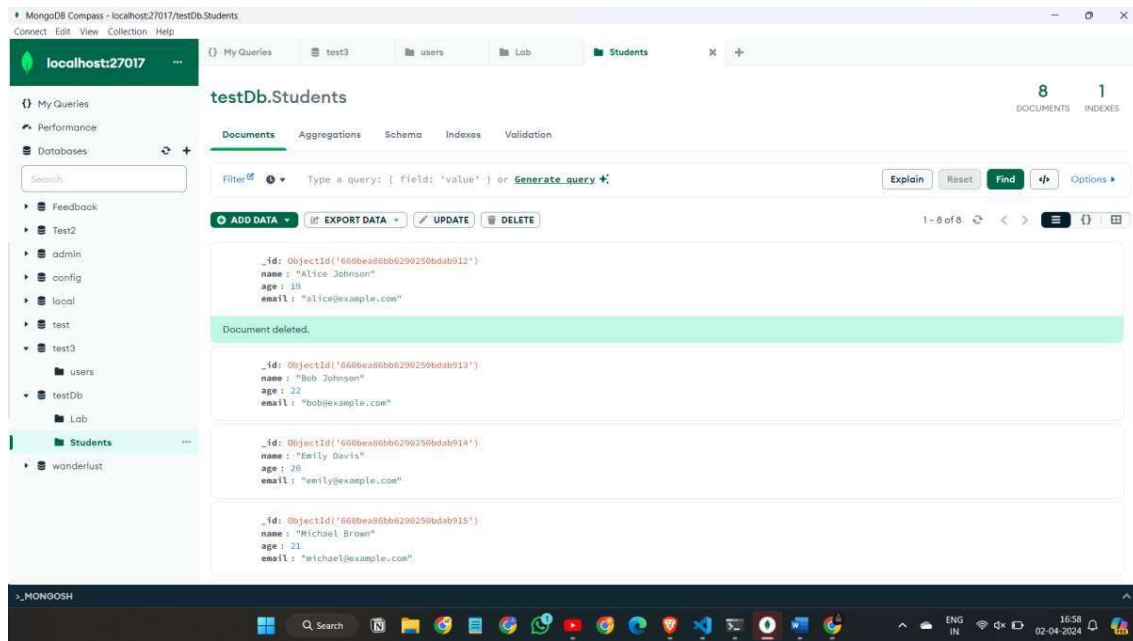


Q-7

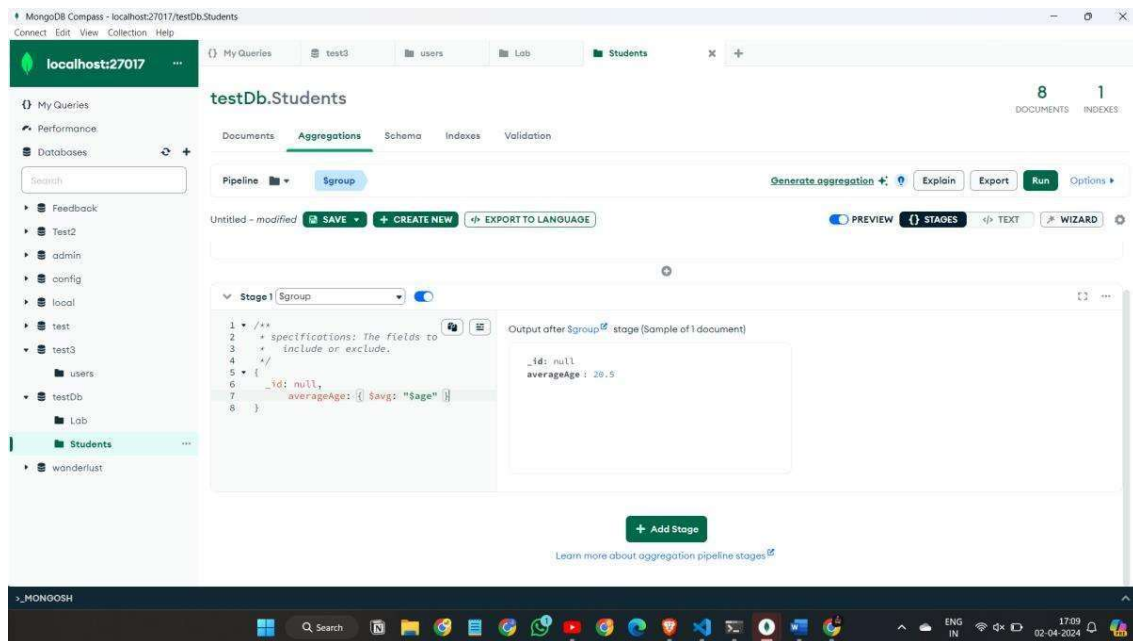
Step-1



Step-2

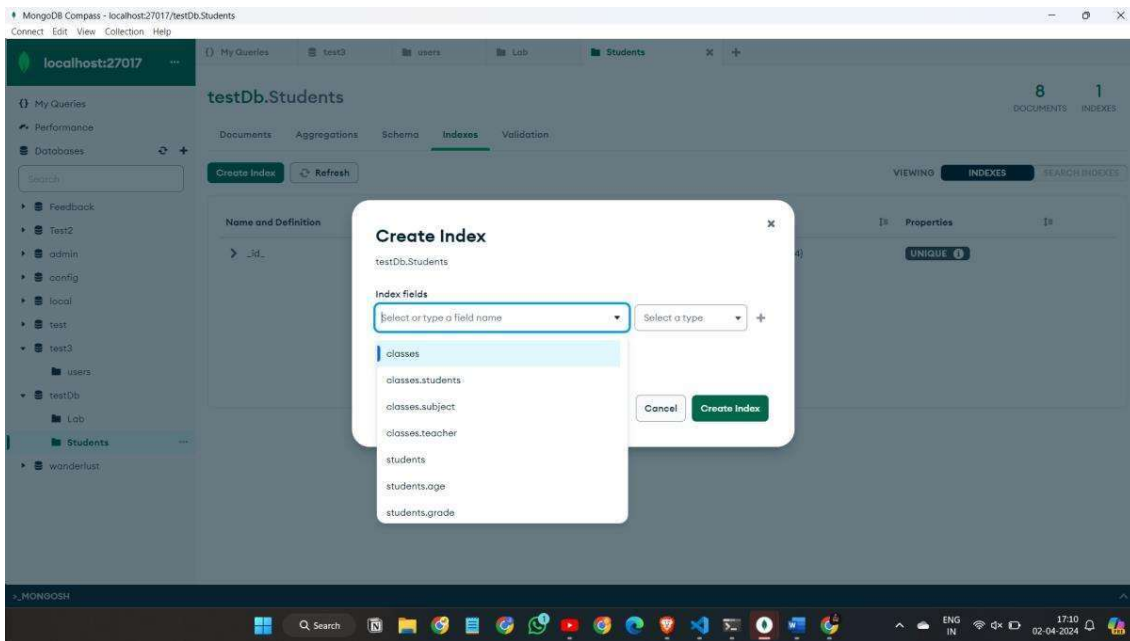


Q-8

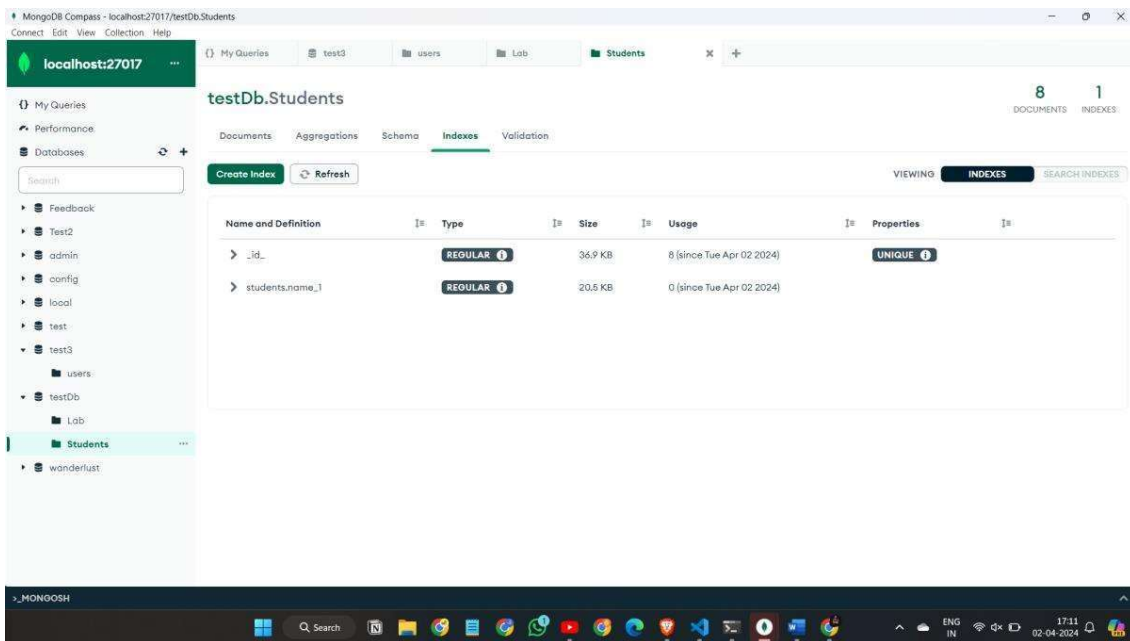


Q-9

Step-1

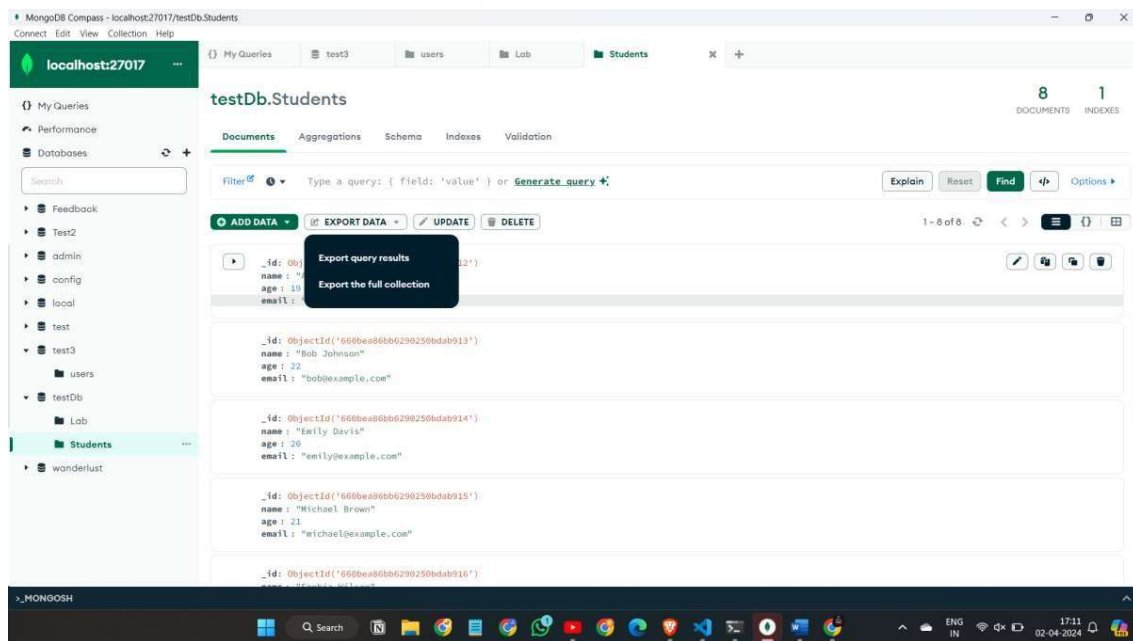


Step-2

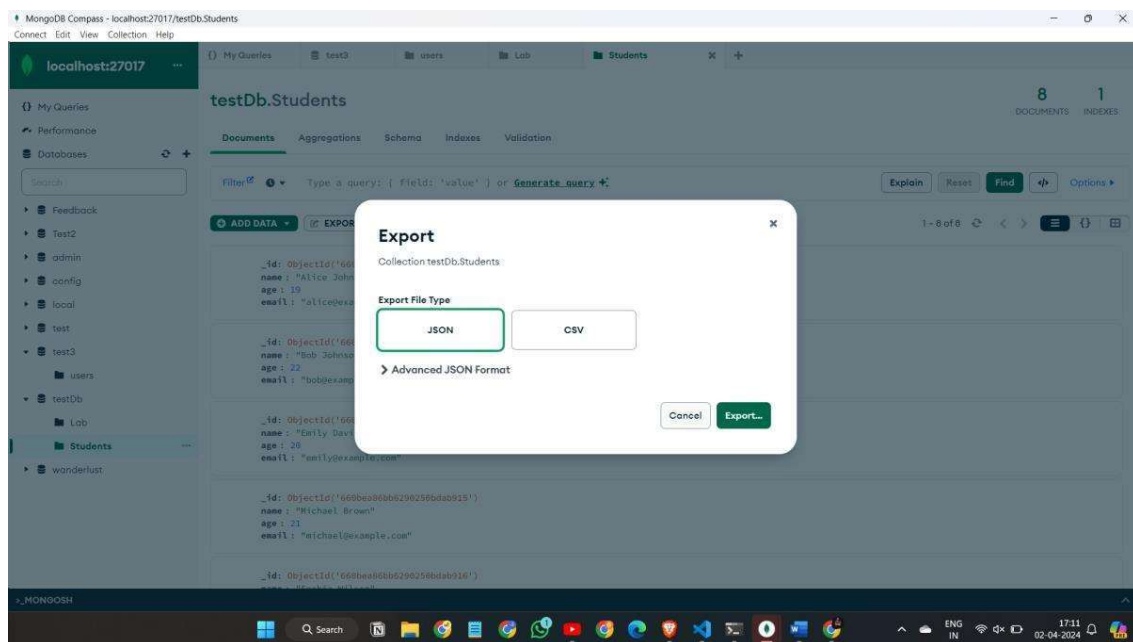


Q-10

Step-1



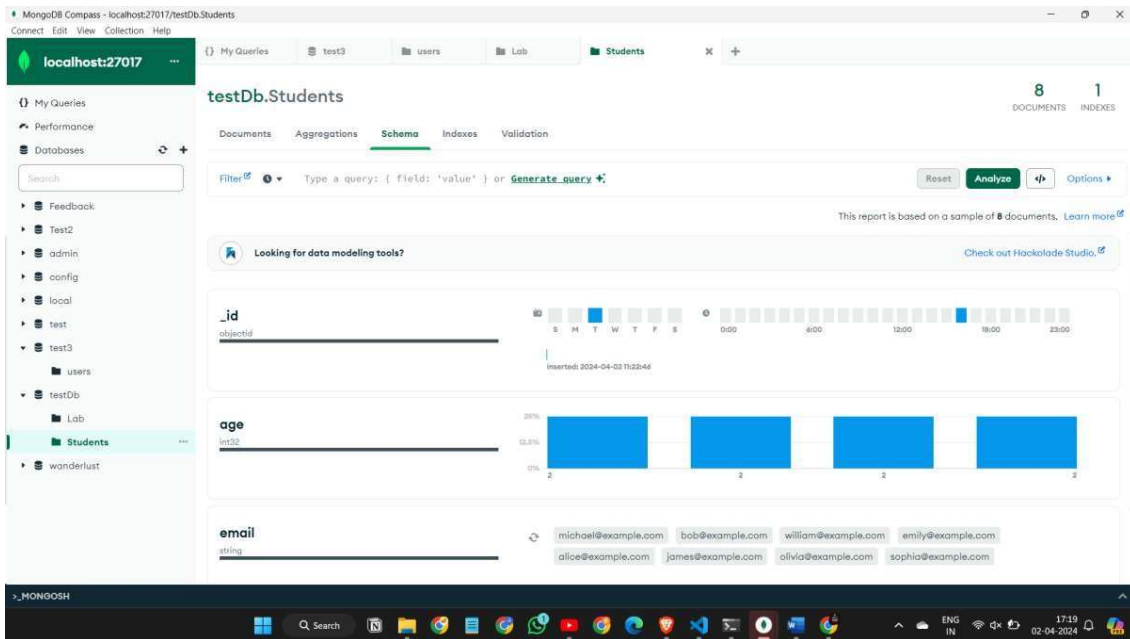
Step-2



Step-3

```
1 {
2   "_id": {
3     "$oid": "660bea86bb6290250bdab912"
4   },
5   "name": "Alice Johnson",
6   "age": 19,
7   "email": "alice@example.com"
8 },
9 {
10  "_id": {
11    "$oid": "660bea86bb6290250bdab913"
12  },
13  "name": "Bob Johnson",
14  "age": 22,
15  "email": "bob@example.com"
16 },
17 {
18  "_id": {
19    "$oid": "660bea86bb6290250bdab914"
20  },
21  "name": "Emily Davis",
22  "age": 20,
23  "email": "emily@example.com"
24 },
25 }
```

Q-13



Q-14

localhost:27017

My QueriesPerformanceDatabases

FeedbackTest2adminconfiglocaltesttest3users: testDbLabStudentswonderlust

My Queriestest3usersLabStudents8 DOCUMENTS1 INDEXES

DocumentsAggregationsSchemaIndexesValidation

Validation ActionErrorValidation LevelStrict

```
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('660bea86b6299250bdab9151'),
name: "Michael Brown",
age: 21,
email: "michael@example.com"}
```

Failed validation

No Preview Documents

>_MONGODB