

Node JS Tutorial in Hindi #50 | Make DELETE Method REST API with Node.js & MongoDB

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Delete API for delete data in MongoDB

Make route for delete request

Get id from request params

write code for delete record

Delete item from UI

Test Flow and DB

Interview Questions

Notes, Code and playlist.

Code Link <https://github.com/anil-sidhu/node-express-mongodb/tree/delete-data-from-mongodb>

views/students.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Data will be here</h1>

  <table border="1">
    <tr>
      <td>Name</td>
      <td>Age</td>
      <td>Email</td>
      <td>Operation</td>

    </tr>

    <% students.forEach(student=>{ %>
      <tr>
        <td><%= student.name %></td>
        <td><%= student.age %></td>
        <td><%= student.email %></td>
        <td><a href="/ui/delete/<%= student._id %>">Delete</a>
      </td>

    </tr>
    <% } ) %>

  </table>
</body>
```

</html>

index.js

```
import express from 'express'
import { MongoClient, ObjectId } from 'mongodb';

const dbName="school"
const url ="mongodb://localhost:27017"
const client= new MongoClient(url)

const app = express();
app.use(express.urlencoded({extended:true}))
app.use(express.json());

app.set("view engine",'ejs')
client.connect().then((connection)=>{
    const db =connection.db(dbName);

    app.get("/api",async (req,resp)=>{
        const collection =db.collection("students")
        const students= await collection.find().toArray();
        resp.send(students)
    })
    app.get("/ui",async (req,resp)=>{
        const collection =db.collection("students")
        const students= await collection.find().toArray();
        resp.render('students',{students})
    })
    app.get('/add',(req,resp)=>{
        resp.render('add-student')
    })
})
```

```
app.post("/add-student", async (req, resp) => {
    // console.log(req.body);

    const collection = db.collection("students")
    const result = await collection.insertOne(req.body)
    console.log(result);

    // const students = await collection.find().toArray();
    resp.send("data saved")
})
```

```
app.post("/add-student-api", async (req, resp) => {
    console.log(req.body);
    const {name, age, email} = req.body;
    if(!name || !age || !email) {
        resp.send({message:"operation failed", success:false})
        return false
    }
    const collection = db.collection("students");
    const result = await collection.insertOne(req.body)
    resp.send({message:"data stored", success:true, result})
})
```

```
app.delete("/delete/:id", async (req, resp) => {
    console.log(req.params.id);
    const collection = db.collection("students")
    const result = await collection.deleteOne({_id: new
ObjectId(req.params.id)})
    if(result){
        resp.send({
            message:"student data deleted",
            success:true
        })
    } else{
        resp.send({
            message:"student data not deleted, try after
sometime",
            success:false
        })
    }
})
```

```
        }
    } )

    app.get("/ui/delete/:id",async (req,resp)=>{
        console.log(req.params.id);
        const collection = db.collection("students")
        const result = await collection.deleteOne({_id: new
ObjectId(req.params.id) })
        if(result){
            resp.send("<h1>Student record deleted</h1>")
        }else{
            resp.send("<h1>Student record not deleted</h1>")
        }
    } )

// app.set("view engine",'ejs')

app.listen(3200)
```

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