

Node JS Tutorial in Hindi #49 Make POST Method REST API with Node.js & MongoDB

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Post API for save data in MongoDB

Make Route for Post request
Send Data from thunder client
Get data from post request
Save data in mongodb
Apply basic validation
Test Flow and DB
Interview Questions
Notes, Code and playlist.

Git link for code <https://github.com/anil-sidhu/node-express-mongodb/tree/add-data-in-mongodb>

index.js code

```
import express from 'express'
import { MongoClient } 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: result})
})

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

app.listen(3200)
```

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>
</tr>

<% students.forEach(student=>{ %>
<tr>
<td><%= student.name %></td>
<td><%= student.age %></td>
<td><%= student.email %></td>
</tr>
<% }) %>

</table>
</body>
</html>
```

views/add-student.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Add Students</title>
</head>
<body>
<form method="post" action="add-student">
<input type="text" name="name" placeholder="enter student name" />
<br/><br/>
<input type="text" name="email" placeholder="enter student email" />
<br/><br/>
<input type="text" name="age" placeholder="enter student age" />
<br/><br/>
<button>Add new Student</button>
</form>
</body>
</html>
```

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