

Robo 3T - 1.4

FileViewOptionsWindowHelp

New Connection (5)

- System
- config
- todolistDb
- wikiDB
 - Collections (1)
 - articles
 - Functions
 - Users

db.getCollection('articles').find(...)

db.getCollection('articles').find({})

New Connectionlocalhost:27017wikiDB

db.getCollection('articles').find({})

articles0.008 sec.

050

Key	Value	Type
(1) ObjectId("61ed8dc0174cbbabb081a83")	{ 3 fields }	Object
_id	ObjectId("61ed8dc0174cbbabb081a83")	ObjectId
title	REST	String
content	API stands for Application Programming Interface. It is a set of subroutine definitions, ...	String

Logs

Robo 3T - 1.4

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db.getCollection('articles').find(...)

db.getCollection('articles').find(...)

db.getCollection('articles').find({})

New Connectionlocalhost:27017wikiDB

db.getCollection('articles').find({})

articles0.007 sec.

050

Key	Value	Type
> (1) ObjectId("61ed8dc0174cbbabbc081a83")	{ 3 fields }	Object
> (2) ObjectId("5c139771d79ac8eac11e754a")	{ 3 fields }	Object
> (3) ObjectId("5c1398aad79ac8eac11e7561")	{ 3 fields }	Object
> (4) ObjectId("5c1398ecd79ac8eac11e7567")	{ 3 fields }	Object

Logs

FileEditSelectionViewGoRunTerminalHelp

• app.js - rest - Visual Studio Code

JS app.js • {} package.json

JS app.js > ...
1
2 //requiring our modules express, body-parser,ejs, mongoose,querystring
3 const express = require("express");
4 const bodyParser = require("body-parser");
5 const ejs = require("ejs");
6 const mongoose = require('mongoose');
7 const { stringify } = require("querystring");
8
9 //express app
10 const app = express();
11
12 //mongodb connection
13 mongoose.connect('mongodb://localhost:27017/wikiDB', { useNewUrlParser: true });
14
15 //ejs app
16 app.set('view engine', 'ejs');
17
18 //body-parser explicit code
19 app.use(bodyParser.urlencoded({
20 | extended: true
21 | }));
22
23 //static files in public folder
24 app.use(express.static("public"));
25
26 //mongoose schemas
27 const articleSchema = ({
28 | title: string,
29 | content: string
30 | });
31
32 //mongoose model
33 const articleModel = mongoose.model("article", articleSchema);
34
35
36
37 //server port
38 app.listen(3000, function() {
39 | console.log("Server started on port 3000");
40 | });

EXPLORER

OPEN EDITORS 1 UNSAVED
• JS app.js
{} package.json
REST
> node_modules
JS app.js
{} package-lock.json
{} package.json

OUTLINE

Ln 35, Col 1 Spaces: 4 UTF-8 CRLF {} JavaScript Go Live Prettier

Postman

File Edit View Help

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Working locally in Scratch Pad. Switch to a Workspace

Scratch Pad

New Import

POST http://localhost:3000/articles

articles post testing / http://localhost:3000/articles

Save

Sending...

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION		Bulk Edit
<input checked="" type="checkbox"/>	title	harry potter			
<input checked="" type="checkbox"/>	content	harry Potter is a series of seven fantasy novels			
	Key	Value	Description		

Response

C:\Windows\system32\cmd.exe - "node" "C:\Users\shre9\AppData\Roaming\np...

[nodemon] restarting due to changes...
[nodemon] starting 'node app.js'
Server started on port 3000
harry potter
harry Potter is a series of seven fantasy novels

Learn more about troubleshooting API requests

Find and Replace Console Runner Trash

VS

File Edit Selection View Go Run Terminal Help

app.js - rest - Visual Studio Code

JS app.js X {} package.json

JS app.js > ...

```
30
31 //mongoose model
32 const articleModel = mongoose.model("article", articleSchema);
33
34 //get articles route
35 app.get("/articles", function(req, res) {
36     //get = read
37     articleModel.find(function(err, foundArticles) {
38         if (!err) {
39             res.send(foundArticles);
40         } else {
41             res.send(err);
42         }
43     });
44 });
45
46
47 //post article route
48 app.post("/articles", function(req, res) {
49     //post = create
50     const newArticle = new articleModel({
51         //use postman for keys as title and name
52         title: (req.body.title),
53         content: (req.body.content)
54     });
55     newArticle.save(function(err) {
56         if (!err) {
57             res.send("successfully added a new article")
58         } else {
59             res.send(err);
60         }
61     });
62 });
63
```

EXPLORED

OPEN EDITORS

JS app.js

{} package.json

REST

> node_modules

JS app.js

{} package-lock.json

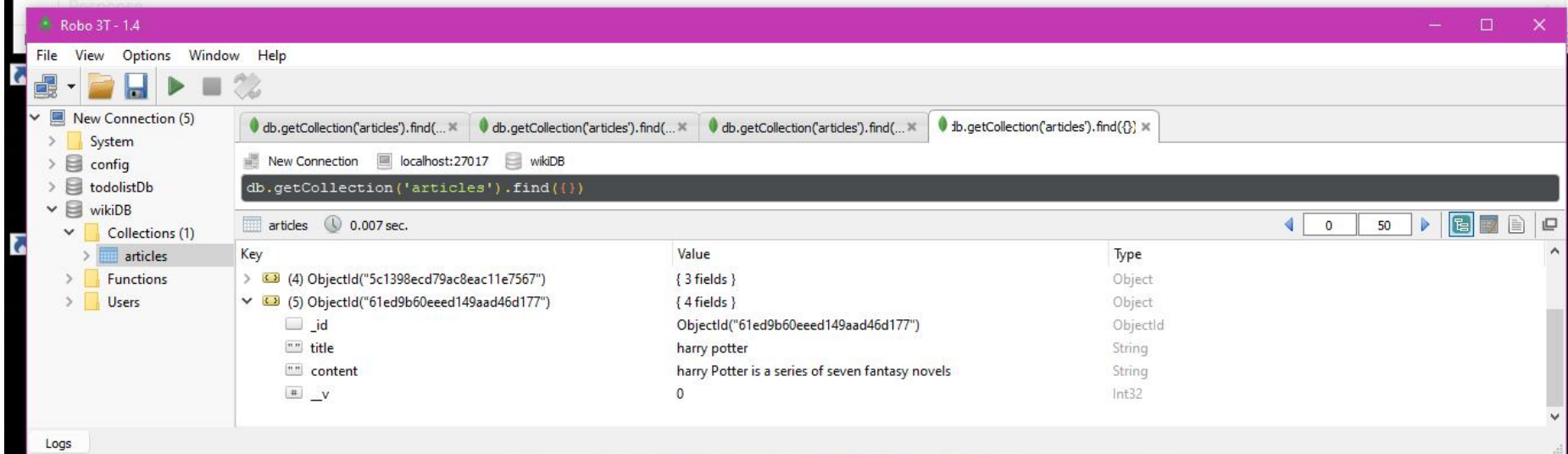
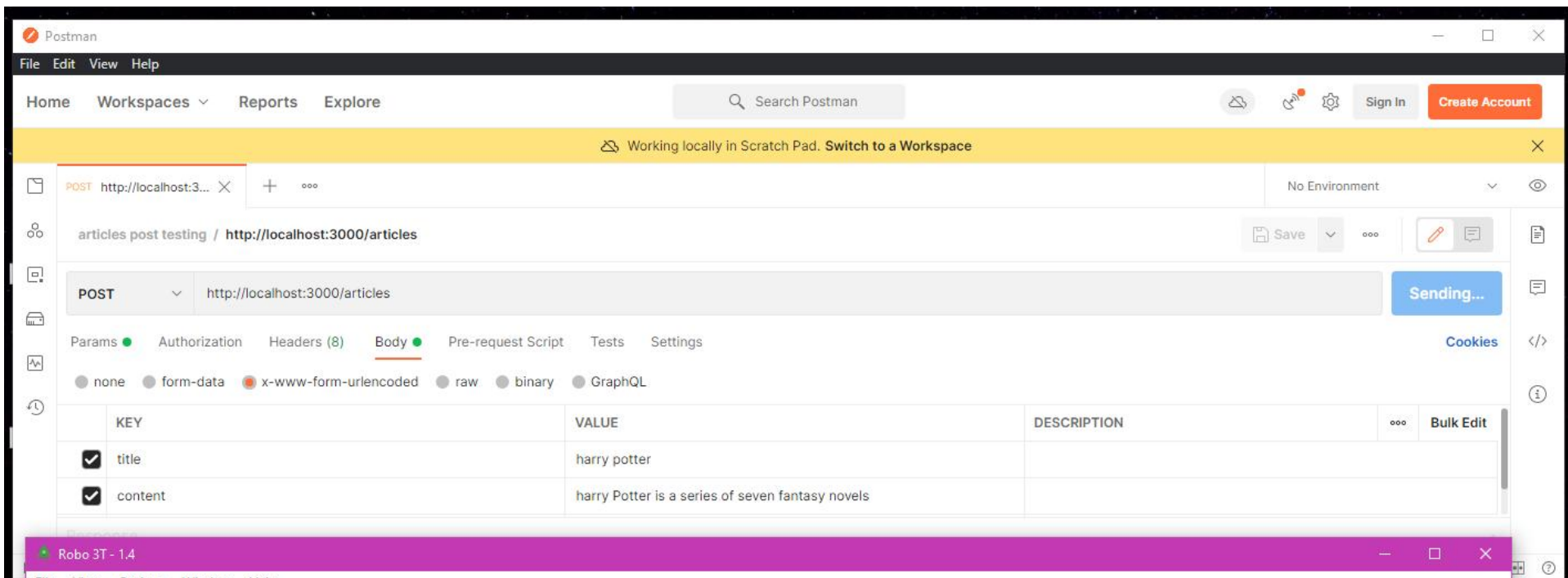
{} package.json

OUTLINE

C:\Windows\system32\cmd.exe - "node" "C:\Users\shre9\AppData\Roaming\np...

[nodemon] starting `node app.js`
Server started on port 3000
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Server started on port 3000
[nodemon] restarting due to changes...
[nodemon] restarting due to changes...
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Server started on port 3000

Ln 46, Col 1 Spaces: 4 UTF-8 CRLF {} JavaScript Go Live Prettier



GET http://localhost:30...

+

...

No Environment

articles post testing / http://localhost:3000/articles

Save

...

GET http://localhost:3000/articles

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 36 ms

Size: 1.53 KB

Save Response

Find and Replace

Console

All Logs

Clear

...

▶ GET http://localhost:3000/articles 200 108 ms

▶ GET http://localhost:3000/articles 200 36 ms

The screenshot shows a web browser window with the address bar displaying `localhost:3000/articles`. The browser's address bar includes navigation buttons (back, forward, refresh, home) and a search icon. Below the address bar is a toolbar with icons for 'Apps', 'cp', 'learn', 'lab', and a 'Reading list' section. The main content area of the browser displays a REST client interface. On the right side of this interface, there are three tabs: 'Tree' (selected), 'Chart', and 'JSON Input', along with a settings gear icon. The 'Tree' tab shows a JSON array of five objects, each representing an article. The first object has an ID, title 'REST', and a detailed content paragraph. The second object has an ID, title 'API', and the same content paragraph. The third object has an ID, title 'Bootstrap', and a shorter content sentence. The fourth object has an ID, title 'DOM', and another content sentence. The fifth object has an ID, title 'harry potter', and content 'harry Potter is a series of seven fantasy novels', and also includes a `__v: 0` property. The JSON is displayed in a dark-themed editor with syntax highlighting.

```
[
  {
    "_id": "61ed8dc0174cbbabb081a83",
    "title": "REST",
    "content": "API stands for Application Programming Interface. It is a set of subroutine definitions, communication protocols, and tools for building software. In general terms, it is a set of clearly defined methods of communication among various components. A good API makes it easier to develop a computer program by providing all the building blocks, which are then put together by the programmer."
  },
  {
    "_id": "5c139771d79ac8eac11e754a",
    "title": "API",
    "content": "API stands for Application Programming Interface. It is a set of subroutine definitions, communication protocols, and tools for building software. In general terms, it is a set of clearly defined methods of communication among various components. A good API makes it easier to develop a computer program by providing all the building blocks, which are then put together by the programmer."
  },
  {
    "_id": "5c1398aad79ac8eac11e7561",
    "title": "Bootstrap",
    "content": "This is a framework developed by Twitter that contains pre-made front-end templates for web design"
  },
  {
    "_id": "5c1398ecd79ac8eac11e7567",
    "title": "DOM",
    "content": "The Document Object Model is like an API for interacting with our HTML"
  },
  {
    "_id": "61ed9b60eed149aad46d177",
    "title": "harry potter",
    "content": "harry Potter is a series of seven fantasy novels",
    "__v": 0
  }
]
```

Postman

File Edit View Help

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Working locally in Scratch Pad. Switch to a Workspace

DEL http://localhost:30...

No Environment

articles post testing / http://localhost:3000/articles

Save

Send

DELETE http://localhost:3000/articles

Params Authorization Headers (6) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 75 ms Size: 265 B Save Response

Find and Replace Console

GET http://localhost:3000/articles 200 108 ms

GET http://localhost:3000/articles 200 36 ms

DELETE http://localhost:3000/articles 200 75 ms

Robo 3T - 1.4

File View Options Window Help

New Connection (5)

System config todolistDb wikiDB

Collections (1)

articles Functions Users

db.getCollection('articles').find(...)

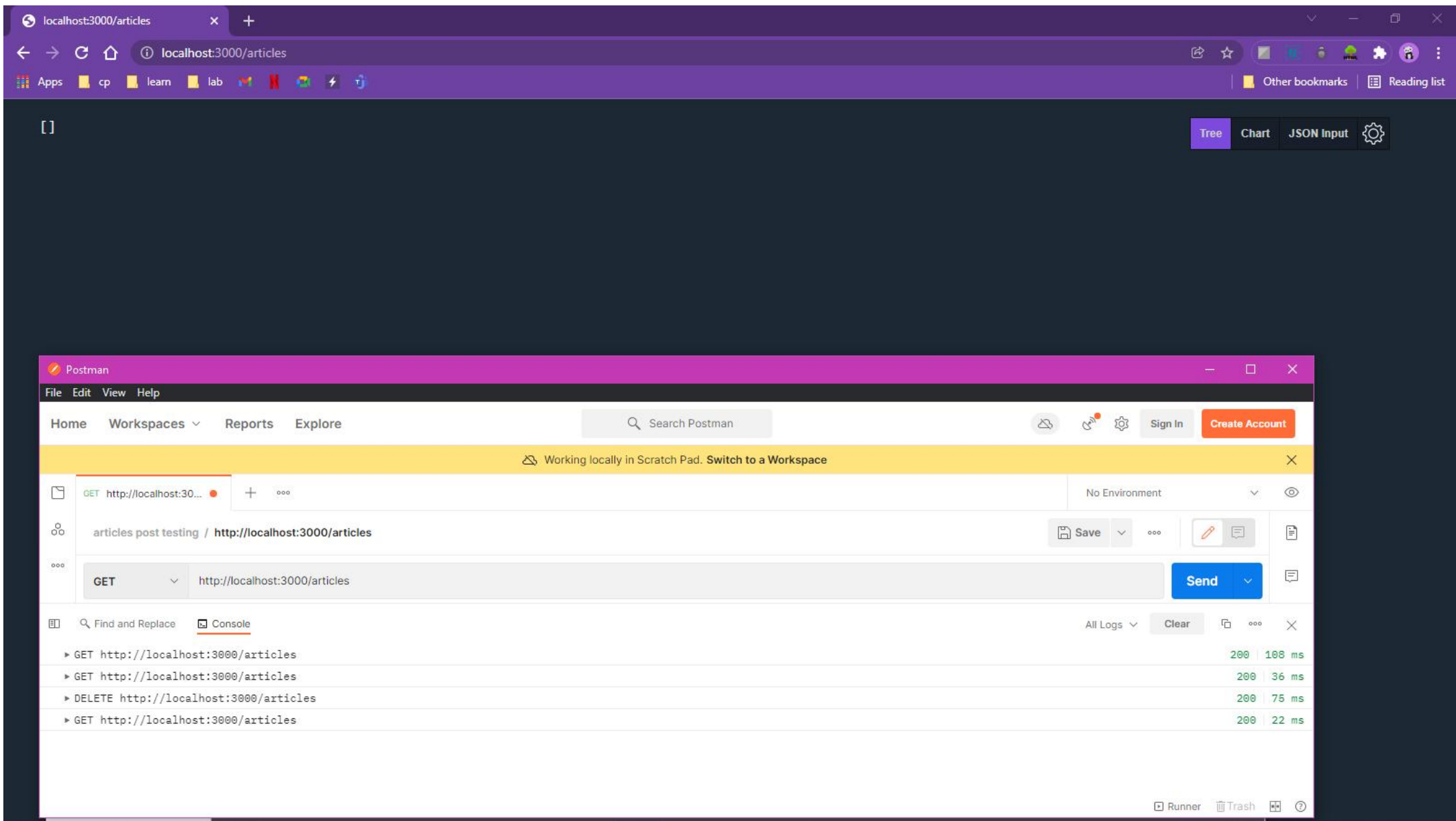
New Connection localhost:27017 wikiDB

db.getCollection('articles').find({})

0.006 sec.

Fetches 0 record(s) in 4ms

Runner Trash



FileEditSelectionViewGoRunTerminalHelp

app.js - rest - Visual Studio Code

JS app.js 2, M X {} package.json

JS app.js > ...

```
28     content: String
29   });
30
31   //mongoose model
32   const articleModel = mongoose.model("article", articleSchema);
33
34   app.route("/articles", function(req, res)
35   {
36     .get()
37
38     .post()
39
40     .delete() {
41
42     });
43
44     //get articles route
45     app.get("/articles", function(req, res) {
46       //get == read
47       articleModel.find(function(err, foundArticles) {
48         if (!err) {
49           res.send(foundArticles);
50         } else {
51           res.send(err);
52         }
53       });
54     });
55
56     //post article route
57     app.post("/articles", function(req, res) {
58       //post = create
59       const newArticle = new articleModel({
60         //use postman for keys as title and name
```

EXPLORER

OPEN EDITORS

JS app.js 2, M
{} package.json

REST

> node_modules

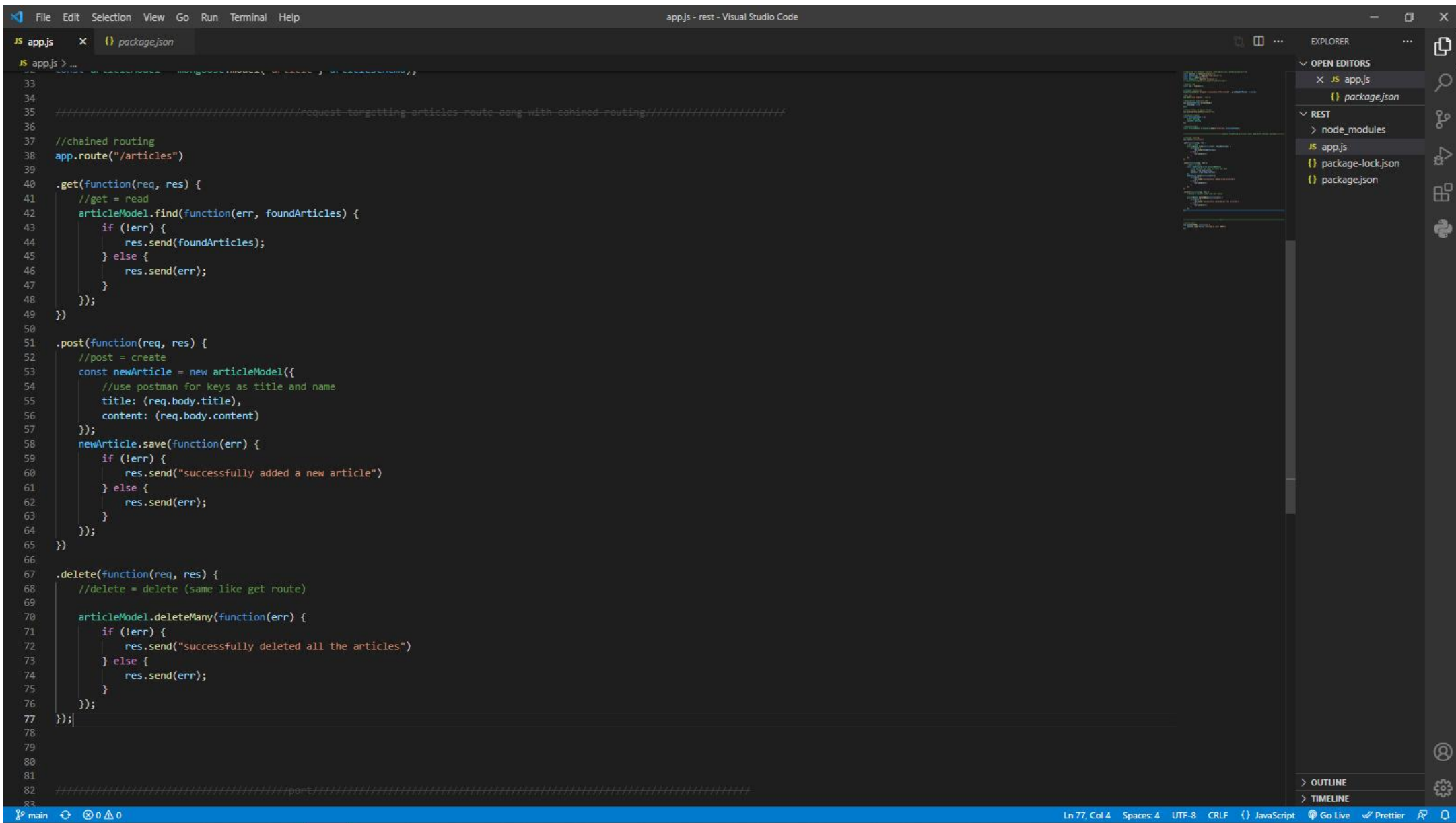
JS app.js 2, M
{} package-lock.json
{} package.json

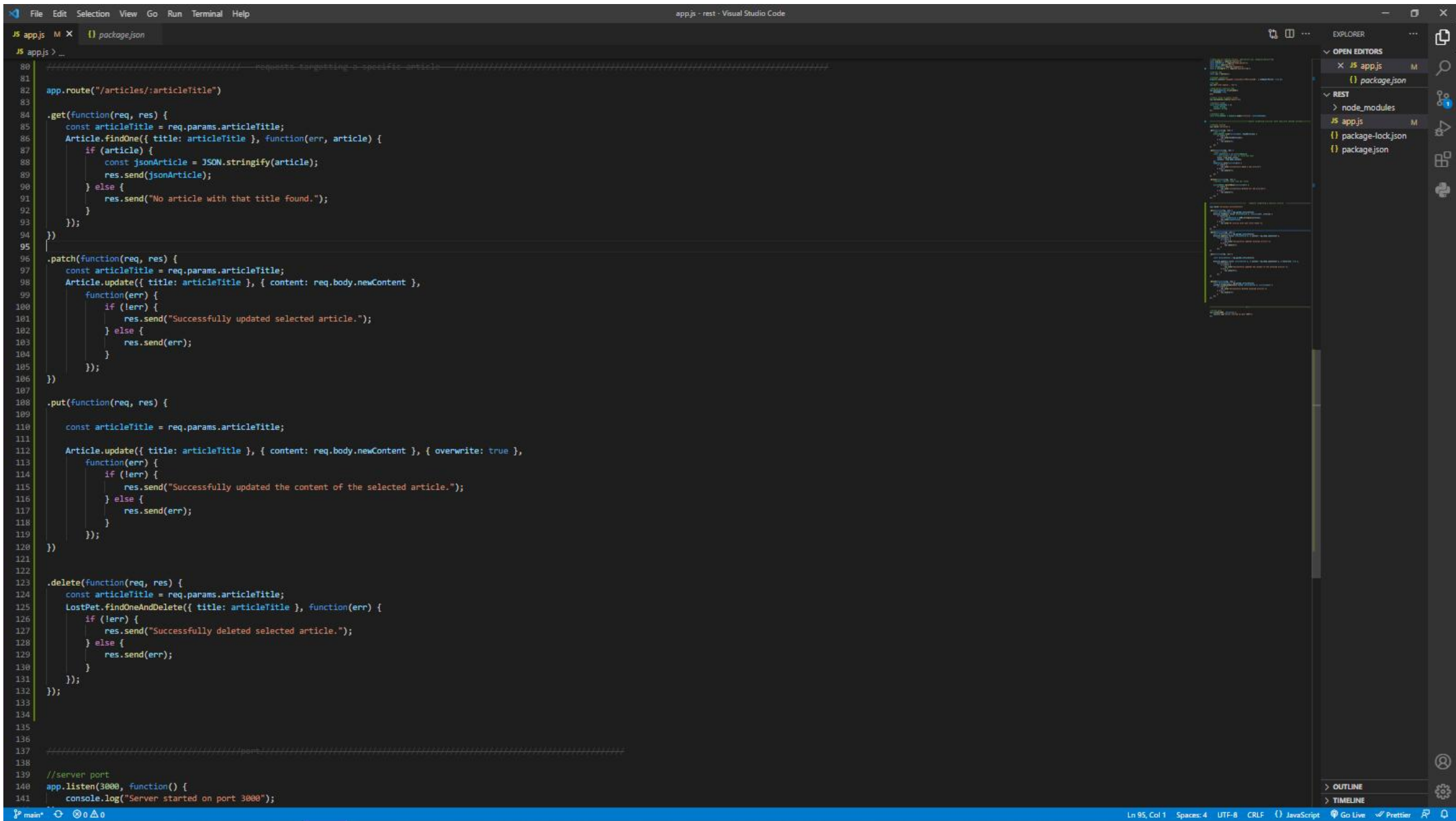
OUTLINE

TIMELINE

main*

Ln 45, Col 9 (233 selected) Spaces: 4 UTF-8 CRLF {} JavaScript Go Live Prettier





Working locally in Scratch Pad. Switch to a Workspace

GET http://localhost:3000/articles

No Environment

articles post testing / http://localhost:3000/articles

Save

Send

GET http://localhost:3000/articles/REST

Params Authorization Headers (6) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 22 ms Size: 235 B Save Response

Find and Replace Console

All Logs Clear

▶ GET http://localhost:3000/articles	200	108 ms
▶ GET http://localhost:3000/articles	200	36 ms
▶ DELETE http://localhost:3000/articles	200	75 ms
▶ GET http://localhost:3000/articles	200	22 ms



```
{"_id":"5c18e1892998bdb3b3d355bf","title":"REST","content":"REST is short for REpresentational State Transfer. It's an architectural style for designing APIs."}
```

Working locally in Scratch Pad. Switch to a Workspace

GET http://localhost:3000/articles

No Environment

articles post testing / http://localhost:3000/articles

Save

Send

GET http://localhost:3000/articles/jack%20Bauer

Params Authorization Headers (6) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 20 ms Size: 261 B Save Response

Find and Replace Console

All Logs Clear

GET http://localhost:3000/articles/REST 500 66 ms

GET http://localhost:3000/articles/jack%20Bauer 200 20 ms



```
{\"_id\":\"5c18f35cde40ab6cc551cd60\",\"title\":\"Jack Bauer\",\"content\":\"Jack Bauer once stepped into quicksand. The quicksand couldn't escape and nearly drowned.\",\"__v\":0}
```

Postman

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Working locally in Scratch Pad. Switch to a Workspace

PUThttp://localhost:30...

+

...

No Environment

▼

👁

articles post testing / http://localhost:3000/articles

Save

▼

...

PUT

▼

http://localhost:3000/articles/Jack%20Bauer

Send

▼

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

● none

● form-data

● x-www-form-urlencoded

● raw

● binary

● GraphQL

☑

title

norris

☑

content

hi there

Key

Value

Description

Body

Cookies

Headers (7)

Test Results

🌐

Status: 200 OK

Time: 101 ms

Size: 235 B

Save Response

▼

Find and Replace

Console

All Logs

▼

Clear

...

✕

▶ GET http://localhost:3000/articles/REST

500

66 ms

▶ GET http://localhost:3000/articles/jack%20Bauer

200

20 ms

▶ GET http://localhost:3000/articles/Jack%20Bauer

200

26 ms

▶ PUT http://localhost:3000/articles/Jack%20Bauer

200

101 ms

Runner

Trash

?