Your First Web Server

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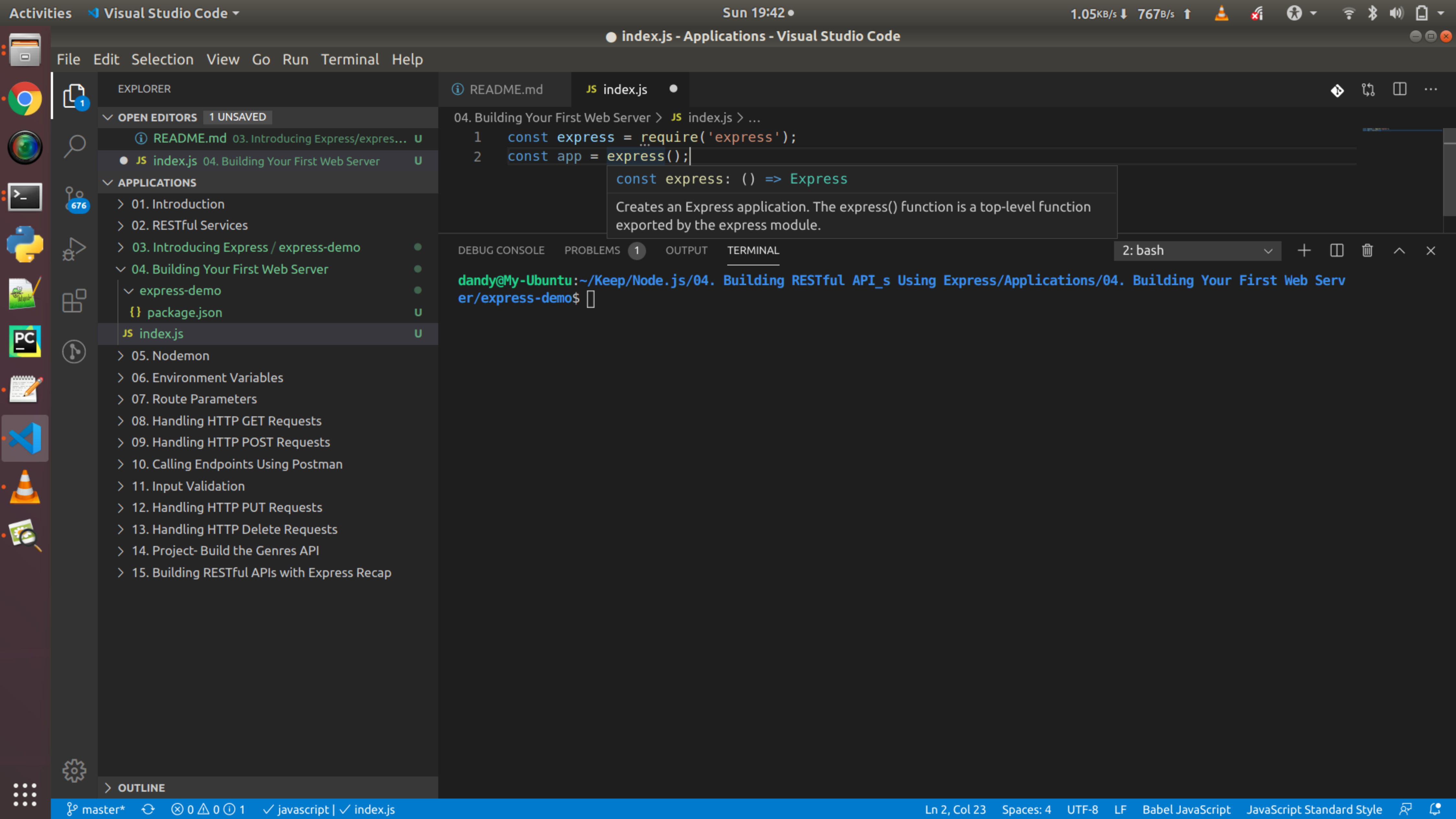
programmingwithmosh.com



```
const express = require('express');
const app = express();
```

```
const express: () => Express
```

Creates an Express application. The express() function is a top-level function exported by the express module.

```
dandy@My-Ubuntu:~/Keep/Node.js/04. Building RESTful API_s Using Express/Applications/04. Building Your First Web Serv
er/express-demo$
```

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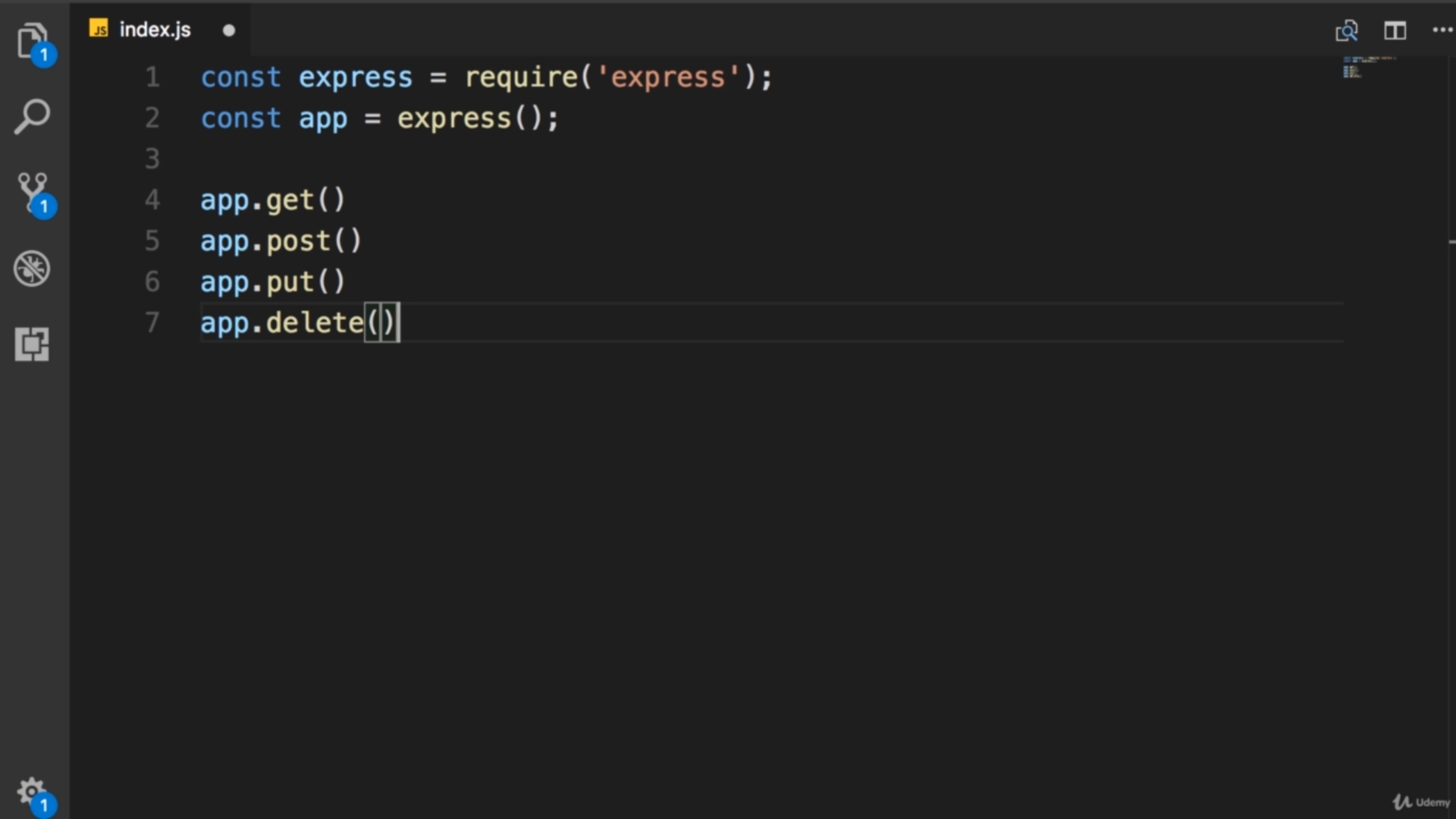
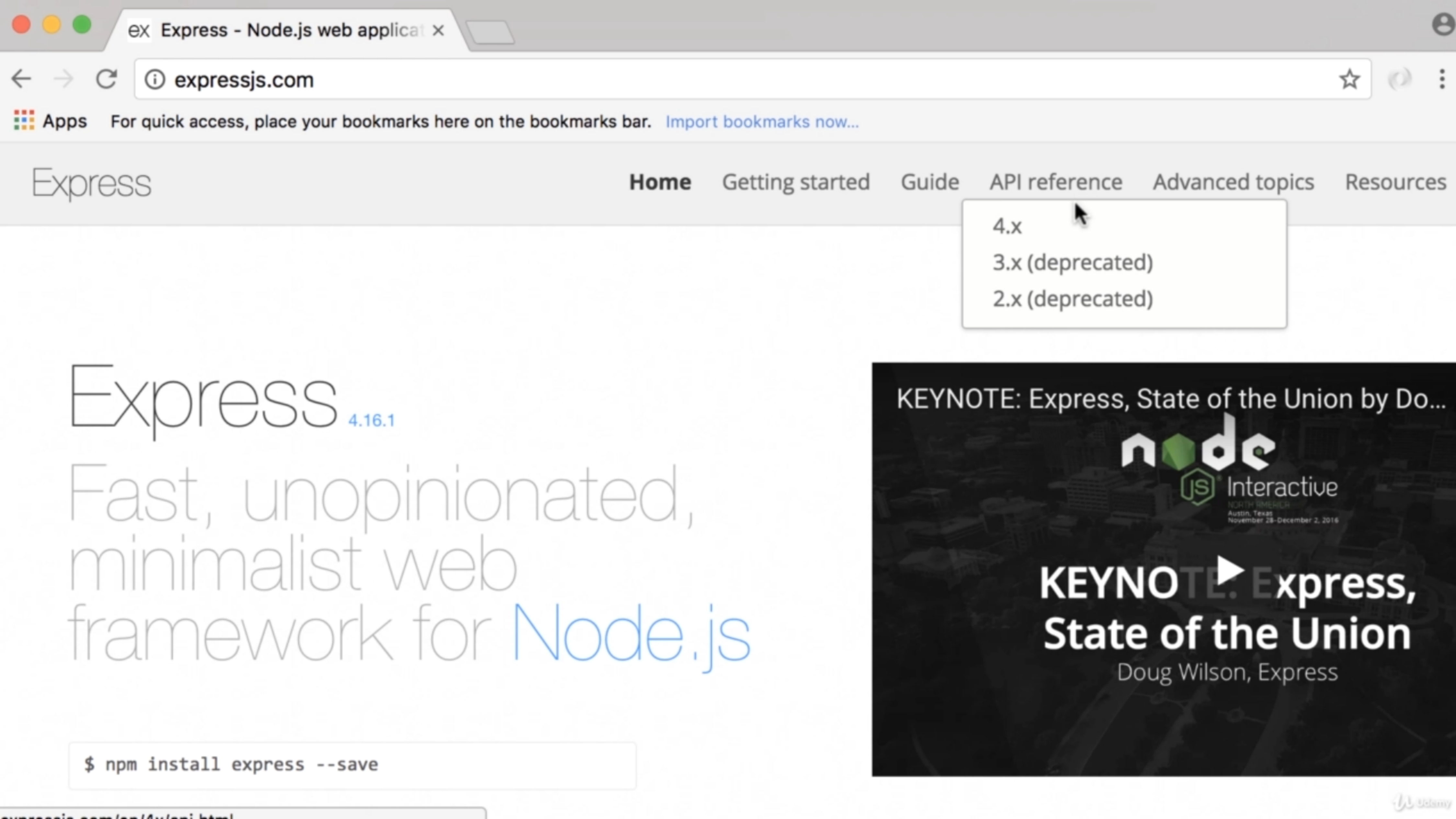
Babel JavaScript
JavaScript Standard Style



```
const express = require('express');
const app = express();

app.get()
app.post()
app.put()
app.delete()
```


Express - Node.js web applica

expressjs.com

Apps For quick access, place your bookmarks here on the bookmarks bar. Import bookmarks now...

Express

Home Getting started Guide API reference Advanced topics Resources

4.x
3.x (deprecated)
2.x (deprecated)

Express 4.16.1

Fast, unopinionated, minimalist web framework for Node.js

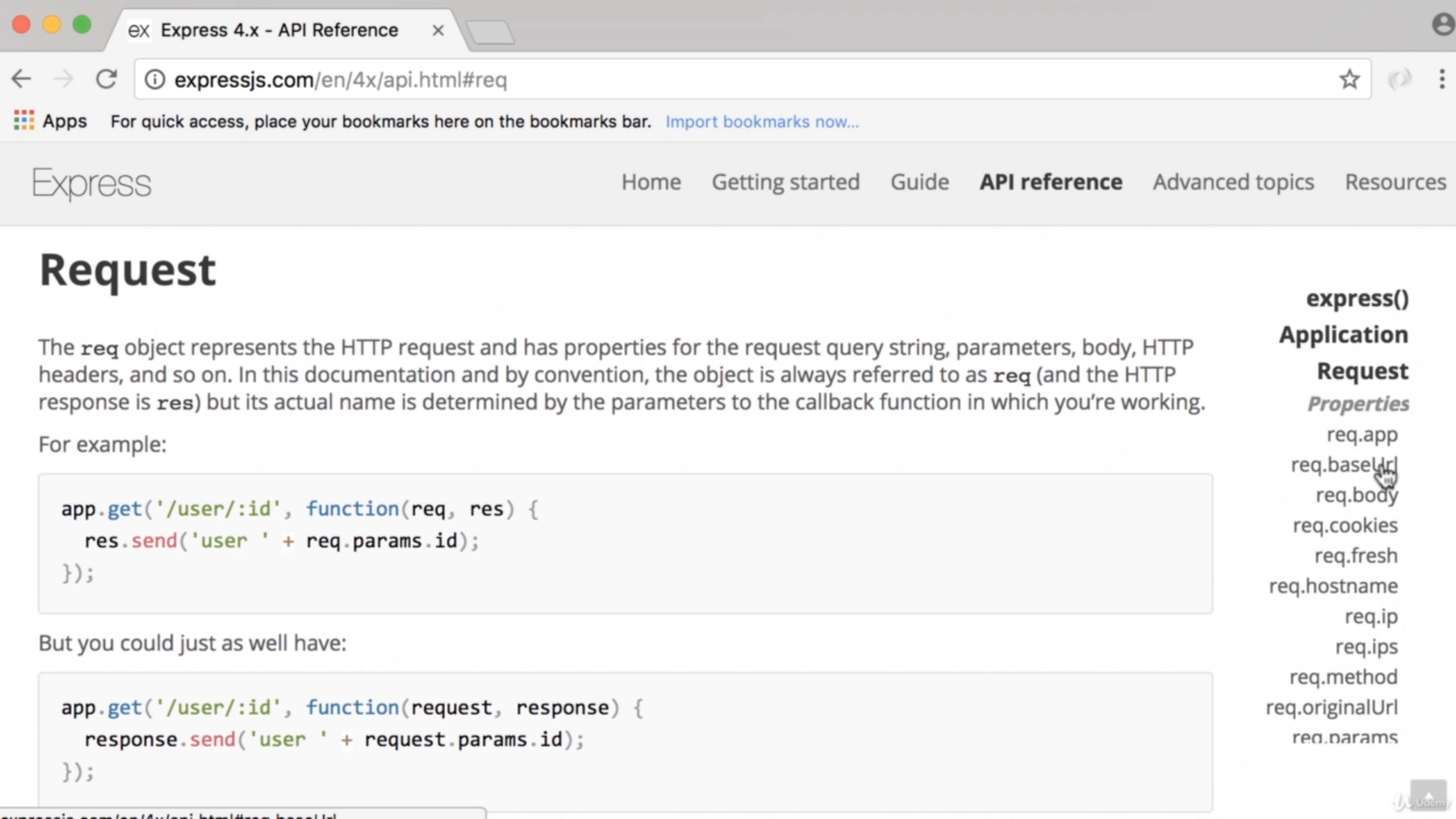
```
$ npm install express --save
```

KEYNOTE: Express, State of the Union by Do...

node js Interactive
NORTH AMERICA
Austin, Texas
November 28-December 2, 2016

KEYNOTE: Express, State of the Union
Doug Wilson, Express

expressjs.com/en/4x/api.html



Request

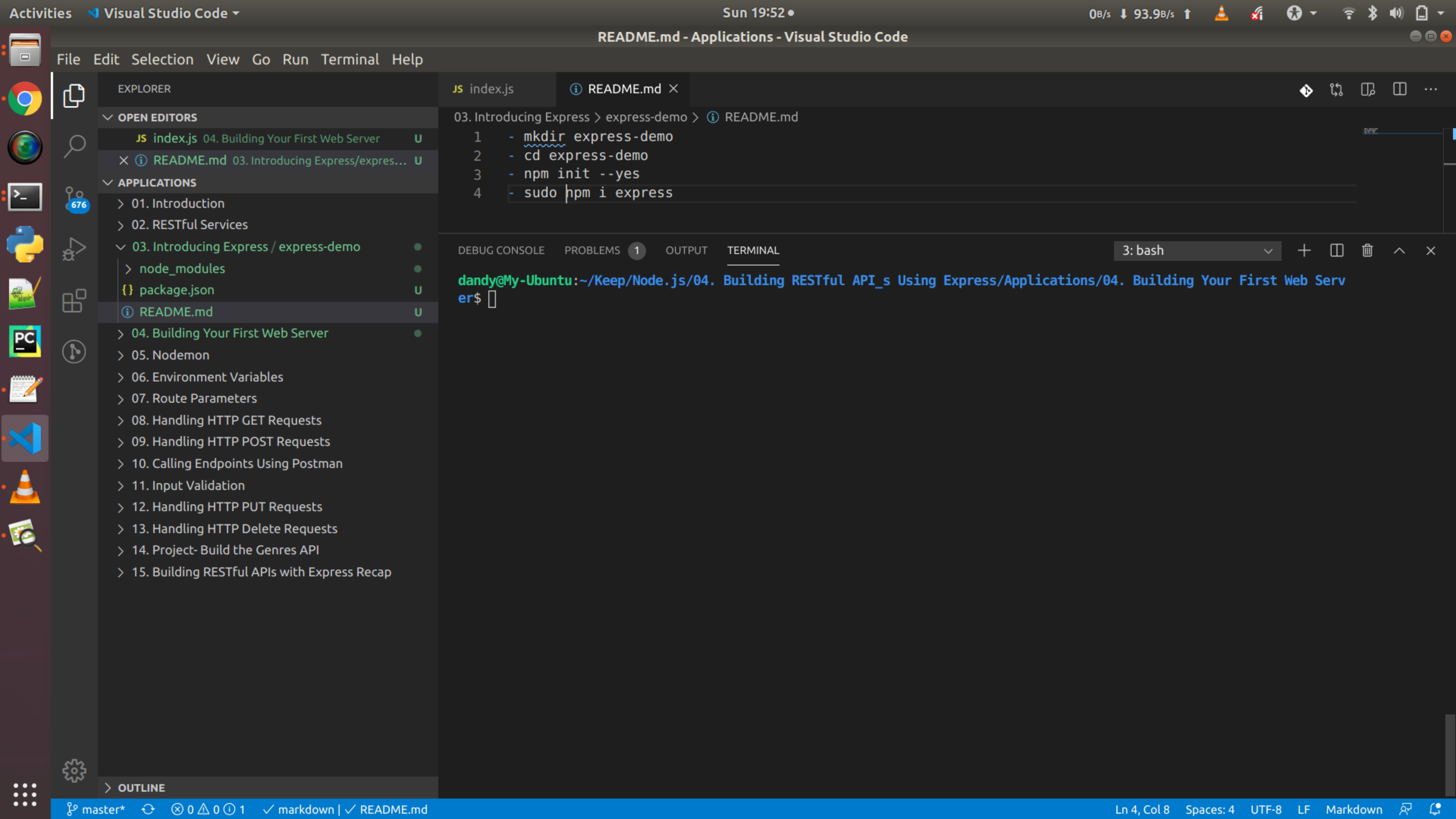
The `req` object represents the HTTP request and has properties for the request query string, parameters, body, HTTP headers, and so on. In this documentation and by convention, the object is always referred to as `req` (and the HTTP response is `res`) but its actual name is determined by the parameters to the callback function in which you're working.

For example:

```
app.get('/user/:id', function(req, res) {
  res.send('user ' + req.params.id);
});
```

But you could just as well have:

```
app.get('/user/:id', function(request, response) {
  response.send('user ' + request.params.id);
});
```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PROBLEMS 1
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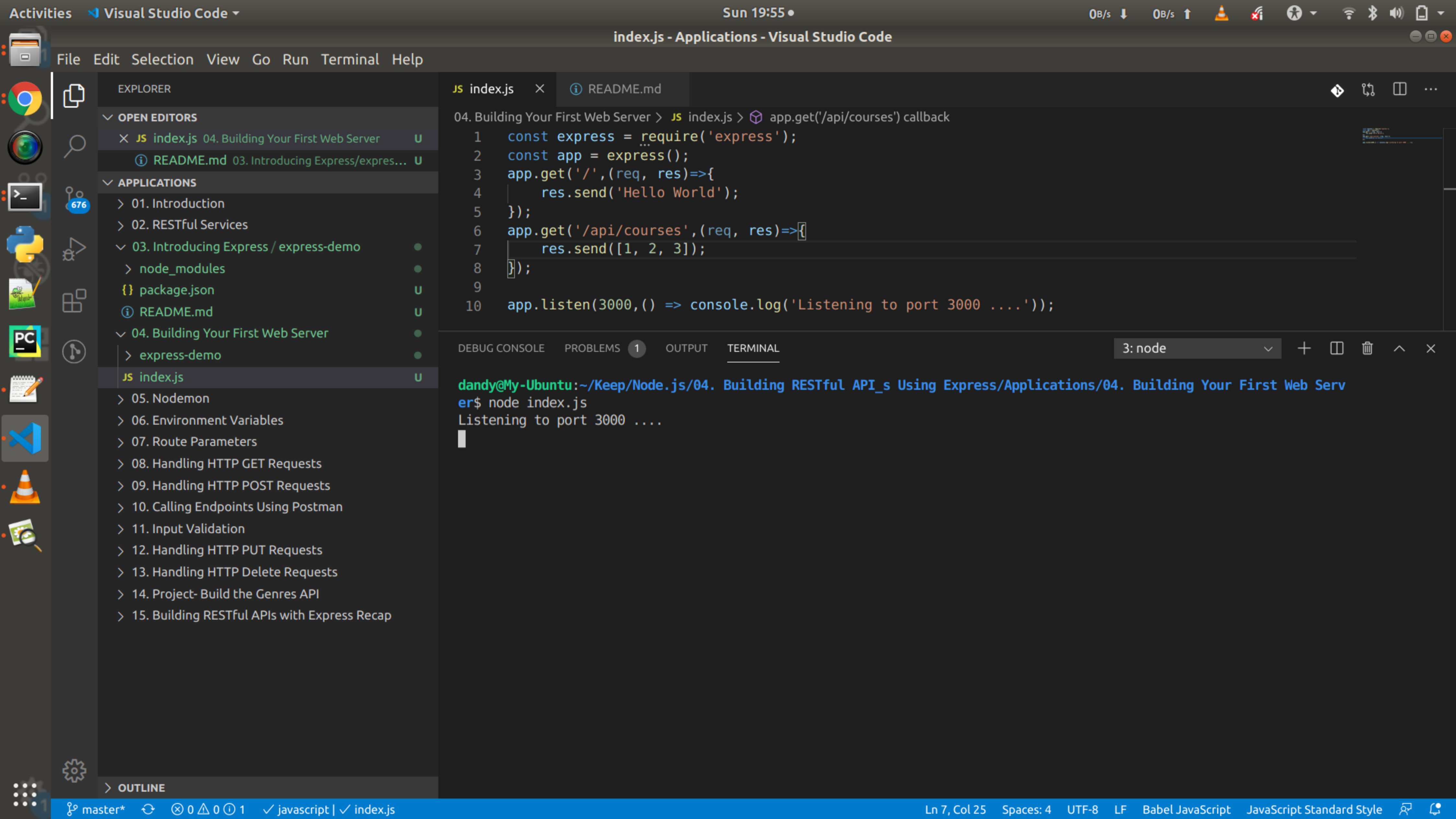
TERMINAL
3: bash
master*
0 0 1
markdown | README.md
Ln 4, Col 8
Spaces: 4
UTF-8
LF
Markdown

```
- mkdir express-demo
- cd express-demo
- npm init --yes
- sudo npm i express
```

```
dandy@My-Ubuntu:~/Keep/Node.js/04. Building RESTful API_s Using Express/Applications/04. Building Your First Web Serv
er$ 
```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OUTPUT
TERMINAL
3: node
master*
0 0 1
javascript | index.js
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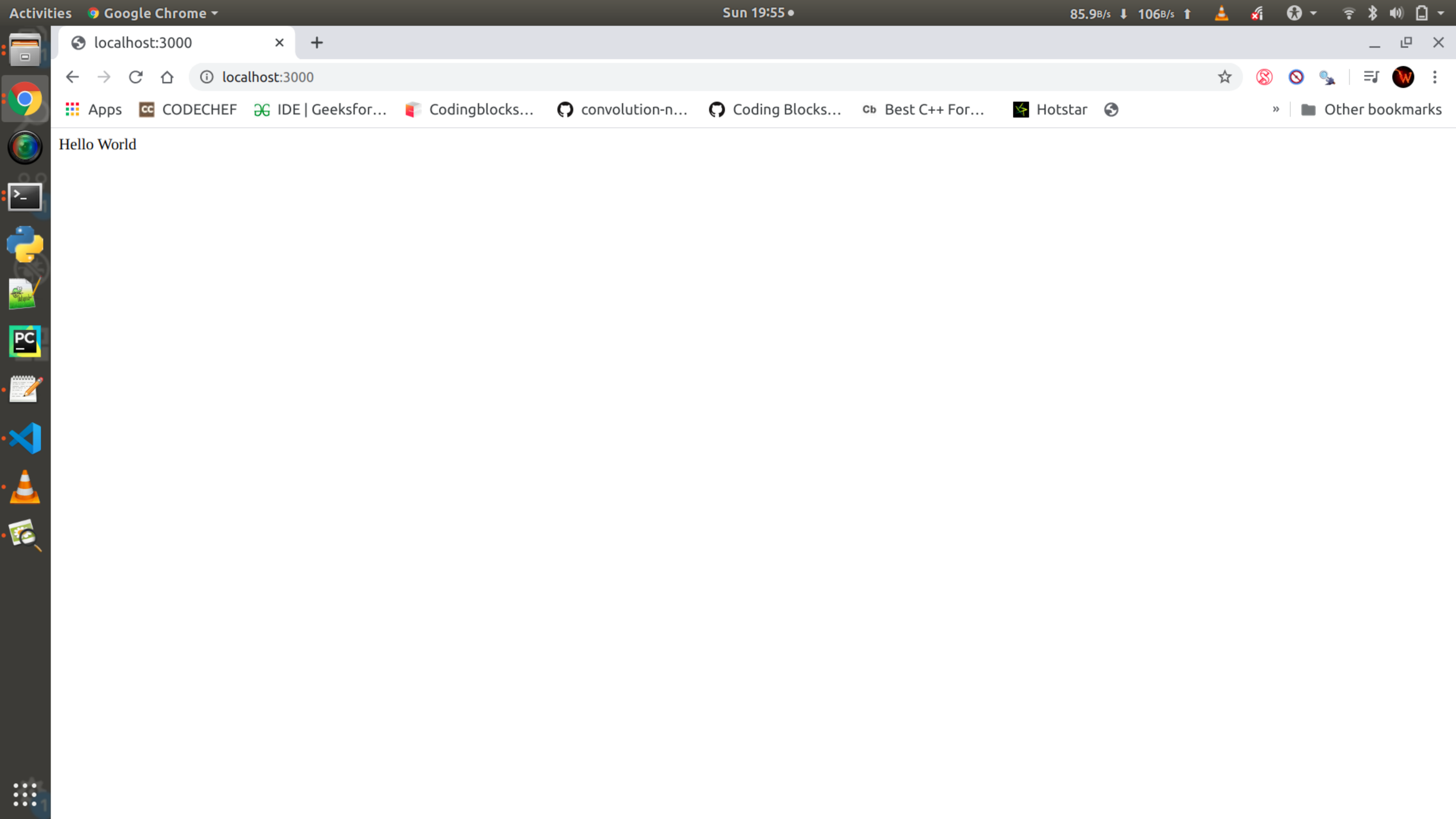
Spaces: 4
UTF-8
LF
Babel JavaScript
JavaScript Standard Style

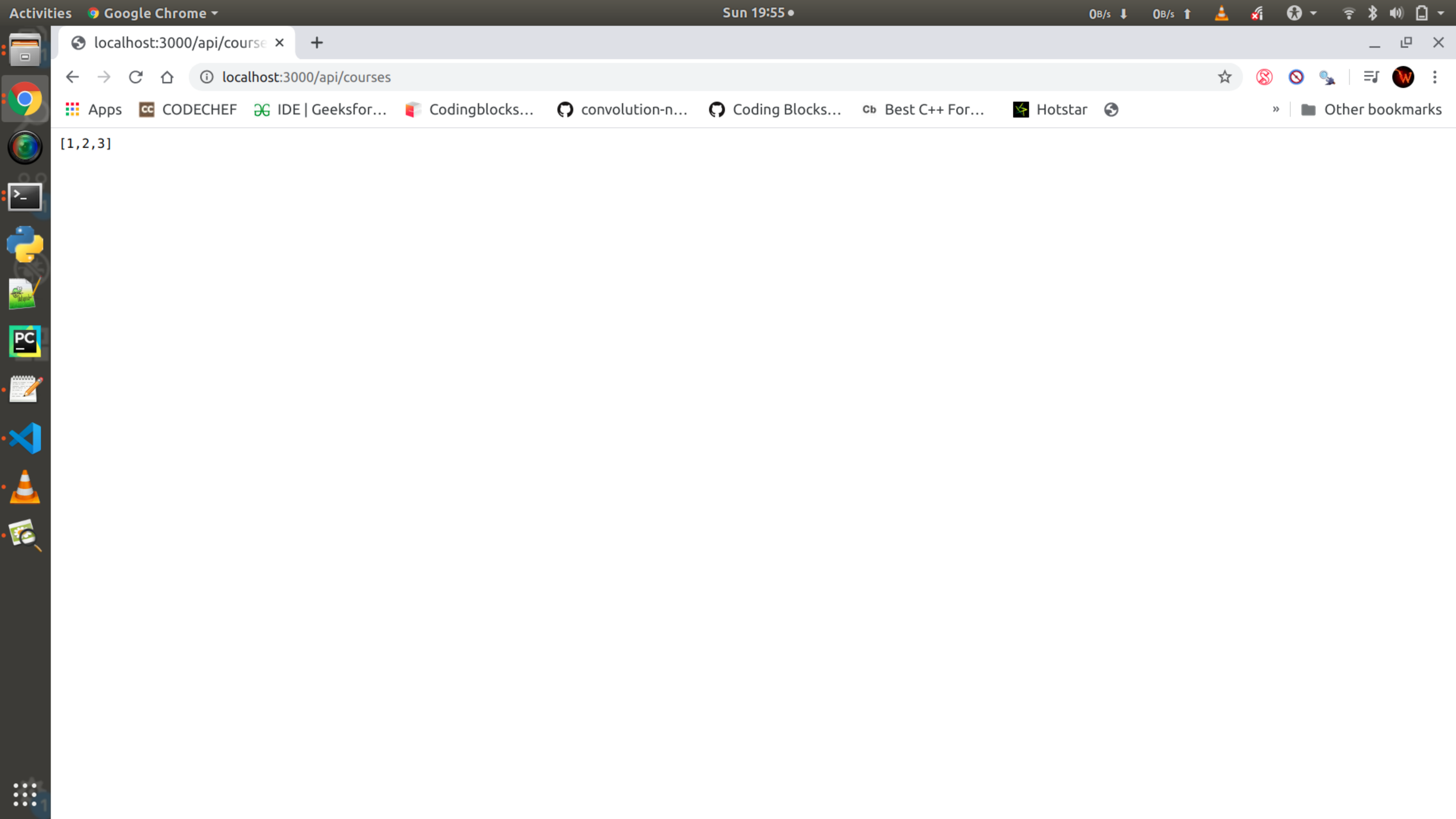
```javascript
const express = require('express');
const app = express();
app.get('/',(req, res)=>{
    res.send('Hello World');
});
app.get('/api/courses',(req, res)=>{
    res.send([1, 2, 3]);
});

app.listen(3000,() => console.log('Listening to port 3000 ....'));
```

```
dandy@My-Ubuntu:~/Keep/Node.js/04. Building RESTful API_s Using Express/Applications/04. Building Your First Web Serv
er$ node index.js
Listening to port 3000 ....
```


Activities
Google Chrome
Sun 19:55
85.9B/s
106B/s
localhost:3000
localhost:3000
Apps
CODECHEF
IDE | Geeksfor...
Codingblocks...
convolution-n...
Coding Blocks...
Best C++ For...
Hotstar
Other bookmarks

Hello World



Activities
Google Chrome
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localhost:3000/api/course
localhost:3000/api/courses
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Codingblocks...
convolution-n...
Coding Blocks...
Best C++ For...
Hotstar
Other bookmarks

```
[1,2,3]
```