



Express Generator

#Node.js Express Notes

Express Generator



Download Express Generator Package

C:\WINDOWS\system32\cmd.exe

```
D:\>npm i express-generator -g
```



Create new Project

C:\WINDOWS\system32\cmd.exe

```
D:\>express --view=ejs myapp
```



Project will Create various Folders

C:\WINDOWS\system32\cmd.exe

```
D:\>express --view=ejs myapp
```

```
create : myapp\  
create : myapp\public\  
create : myapp\public\javascripts\  
create : myapp\public\images\  
create : myapp\public\stylesheets\  
create : myapp\public\stylesheets\style.css  
create : myapp\routes\  
create : myapp\routes\index.js  
create : myapp\routes\users.js  
create : myapp\views\  
create : myapp\views\error.ejs  
create : myapp\views\index.ejs  
create : myapp\app.js  
create : myapp\package.json  
create : myapp\bin\  
create : myapp\bin\www
```



Navigate to Project

C:\WINDOWS\system32\cmd.exe

```
D:\>cd myapp
```

```
D:\myapp>
```



Download Dependency using npm install

C:\WINDOWS\system32\cmd.exe

```
D:\myapp>npm install
```



Install Successful

C:\WINDOWS\system32\cmd.exe

```
D:\myapp>npm install  
  
added 54 packages, and audited 55 packages in  
  
found 0 vulnerabilities  
  
D:\myapp>
```



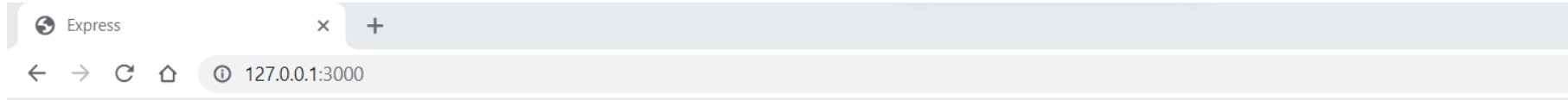
Run Project

Ctrl npm start

```
D:\myapp>npm start  
  
> myapp@0.0.0 start  
> node ./bin/www
```



Output Browser (<http://127.0.0.1:3000>)

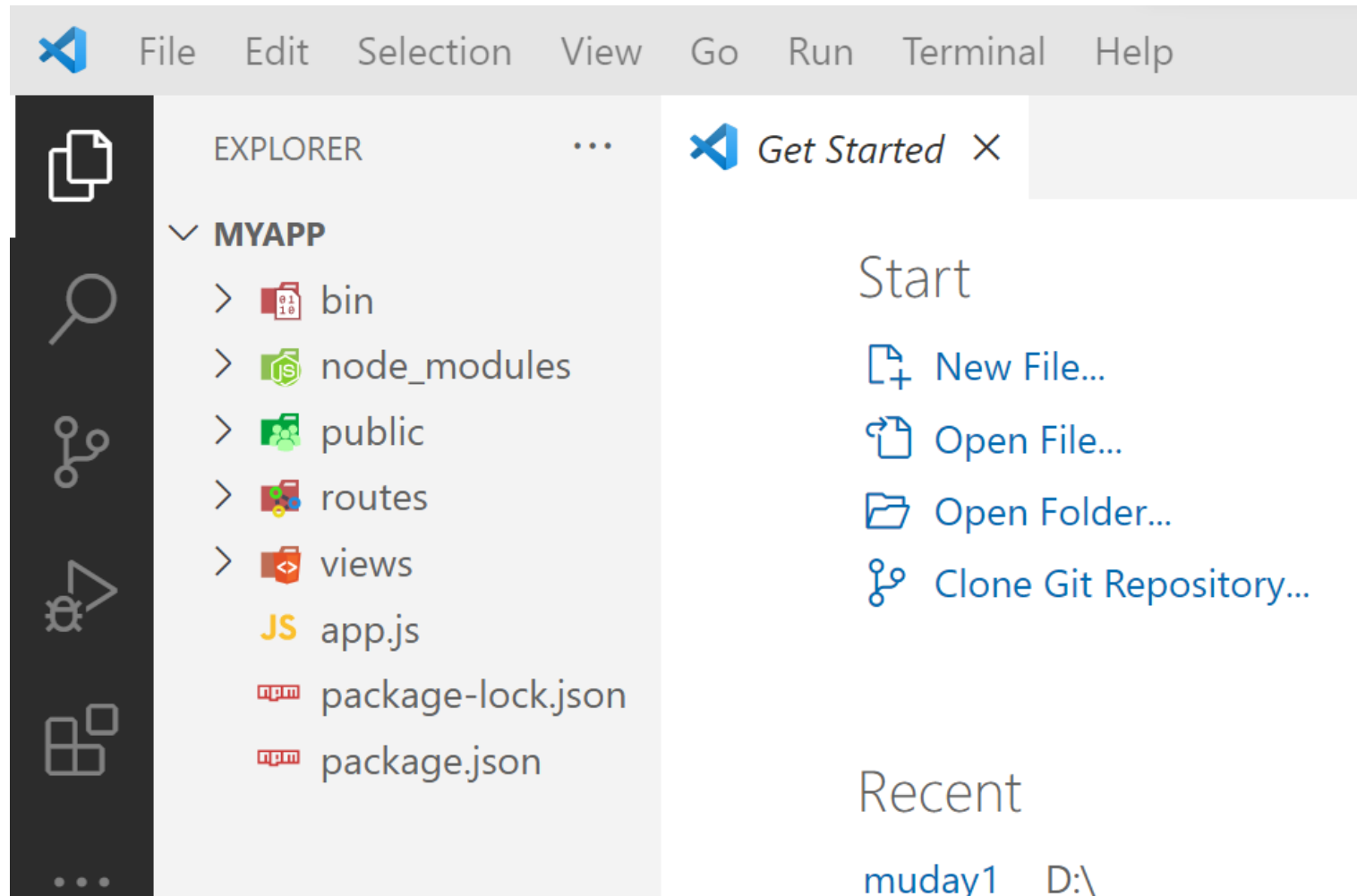


Express

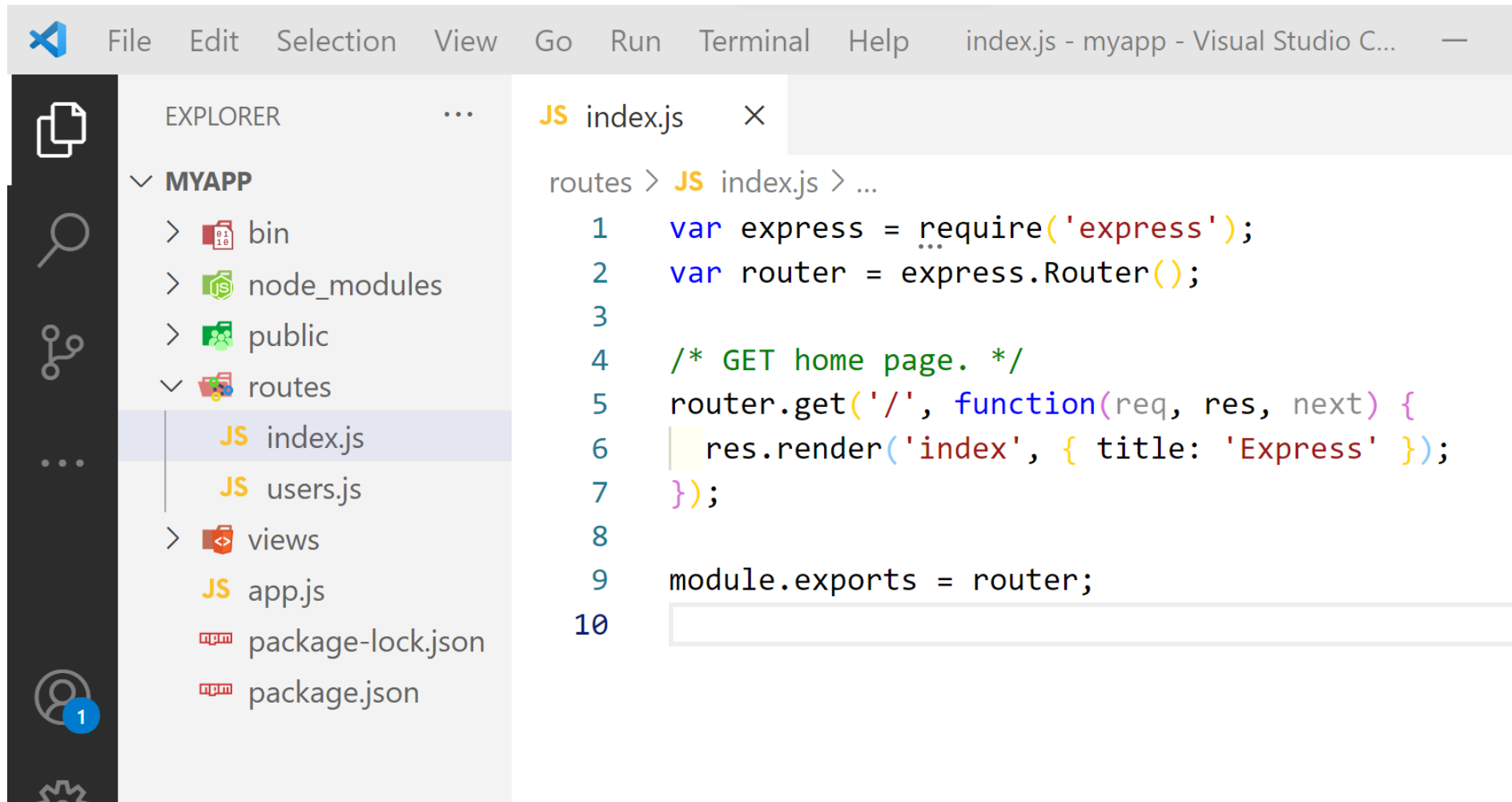
Welcome to Express




Folder Structure



Routing



```
File Edit Selection View Go Run Terminal Help index.js - myapp - Visual Studio C...  
EXPLORER  
MYAPP  
  bin  
  node_modules  
  public  
  routes  
    index.js  
    users.js  
  views  
  app.js  
  package-lock.json  
  package.json  
routes > JS index.js > ...  
1  var express = require('express');  
2  var router = express.Router();  
3  
4  /* GET home page. */  
5  router.get('/', function(req, res, next) {  
6    res.render('index', { title: 'Express' });  
7  });  
8  
9  module.exports = router;  
10
```



Visual Studio Code interface showing the Explorer view on the left and the Editor view on the right. The Explorer view displays the file structure of a project named 'MYAPP'. The Editor view shows the content of 'index.ejs'.

EXPLORER

- MYAPP
 - bin
 - node_modules
 - public
 - routes
 - views
 - error.ejs
 - index.ejs
 - app.js
 - package-lock.json
 - package.json

index.ejs

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title><%= title %></title>
5     <link rel='stylesheet' href='/stylesheets/style.css'
6   </head>
7   <body>
8     <h1><%= title %></h1>
9     <p>Welcome to <%= title %></p>
10  </body>
11 </html>
12
```



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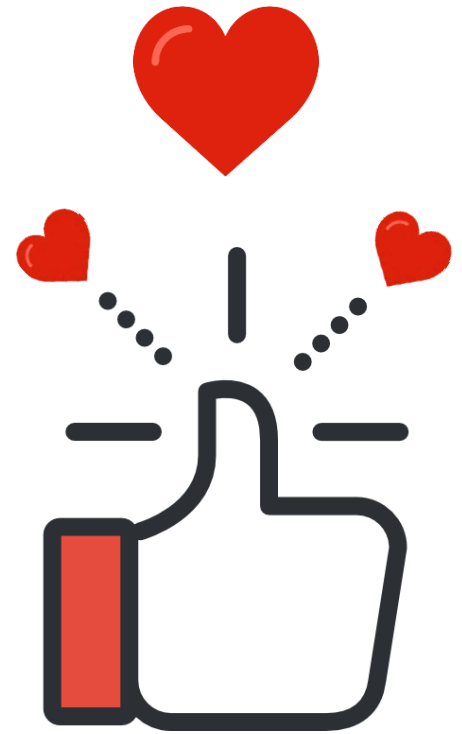
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