

Coffee Store

Espresso-Emporium

Start Project - Server Side

► Step - 1

1. Open **cmd** (win + R)
2. mkdir Coffee-store-server
3. cd Coffee-store-server
4. npm init -y
5. npm i express cors mongodb dotenv
6. code .

► Step - 2

1. Create index.js
2. Open package.json
3. Write "start" : "**node index.js**" in "**Script**"

► Step - 3

1. Open index.js

index.js

```
const express = require('express');
const cors = require('cors');
const app = express();
const port = process.env.PORT || 5000
```

➤ MiddleWare

index.js

```
app.use(cors());
app.use(express.json());
```

► Step - 4

index.js

```
app.get('/', (req, res) => {
  res.send(`Coffee server is running `);
})

app.listen(port, () => {
  console.log(`Coffee server is running by port ${port}`);
})
```

Start Project - Client Side

► Step - 1

1. Open **cmd** (win + R)
2. **npm** create vite@latest coffee-store-client - - -template react
3. **cd** coffee-store-client
4. **npm** install **react-router-dom** **localforage** **match-sorter** **sort-by**

► Step - 2 (*Tailwind Installation*)

1. **npm** install -D tailwindcss postcss autoprefixer
2. **npx** tailwindcss init -p
3. Configure template path in tailwind-config.js

```
content: [
  './index.html',
  './src/**/*..{js,ts,jsx,tsx}',
],
```

5. Open index.css

```
@tailwind base;
@tailwind components;
@tailwind utilities;
```

► Step - 3 (*DaisyUi Installation*)

1. Npm i -D daisyui@latest
2. Insert ↵ in Tailwind.config.js

tailwind.config.js

```
plugins: [
  require('daisyui'),
],
```

Create Database - MongoDB

► Step - 1 (*Setup Database*)

1. Goto Database **mongoDB Atlas** website
2. Goto Database **Access Tab**
3. Add **New Database User**
4. Create **User name**
5. Generate **Password**
6. Copy user name and Password
7. Click **Add User** Button
8. Goto **Clusters** tab on Side Menu bar
9. Click **Connect** Tab
10. Select Driver
11. Click on **Code Switch Button** and Copy code
12. Paste code in Server side **index.js** file

► Step - 2 (*Hide Database user & password from Server side by Dotenv Config*)

index.js

```
require('dotenv').config()
```

► Step - 3 (*Create .env file in server side project root folder*)

.env

```
// Added Database username and password
DB_USER=coffeeStore
DB_PASSWORD=KmoM7S81oFKC5VTz
```

► Step - 4 (*Insert user and password in uri variable with Template String*)

index.js

```
const uri =
`mongodb+srv://${process.env.DB_USER}:${process.env.DB_PASSWORD}@cluster
0.jwii9.mongodb.net/?retryWrites=true&w=majority&appName=Cluster0`;
```

► Step - 5 (*Hide file from git init for secure Database*)

1. Create **.gitignore** file in server side project folder

.gitignore

```
node_modules
.env
```