

# National Textile University, Faisalabad

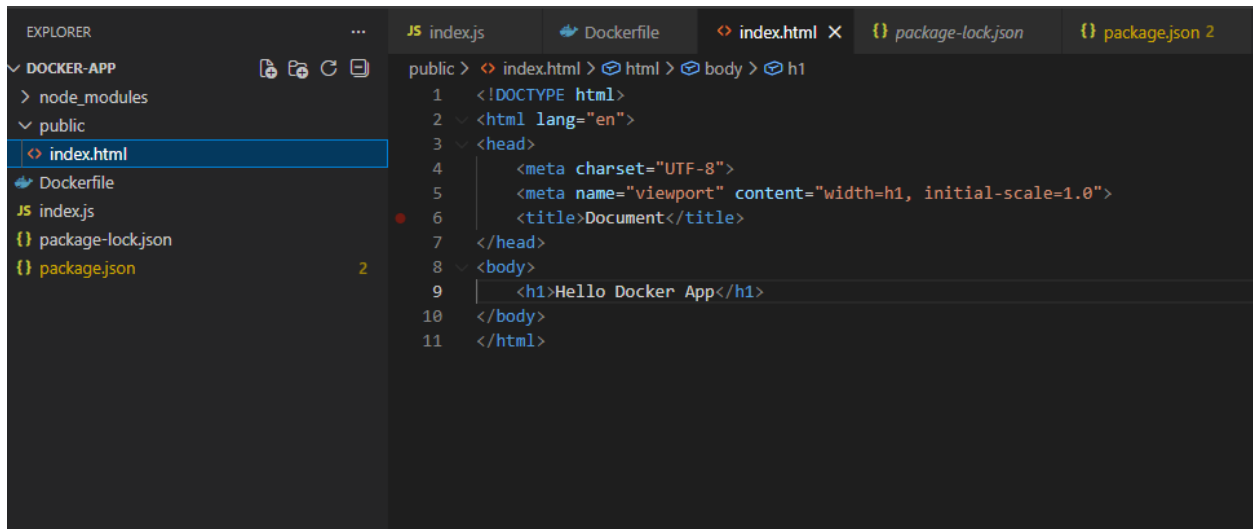


## Department of Computer Science

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<b>Reg. No.</b>	23-NTU-CS-1165
<b>Course</b>	Operating system
<b>Submitted To</b>	Sir Nasir Mehmood
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<b>Lab No.</b>	13

## Lab No. 13 Operating system

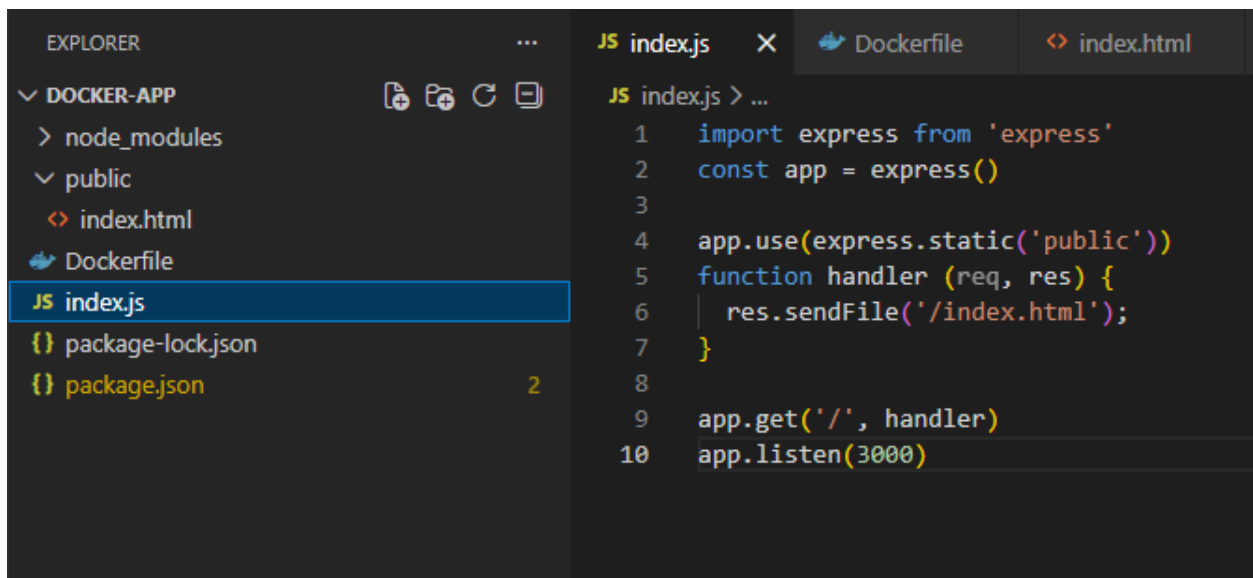
### Index.html



The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left. The Explorer sidebar shows a project named 'DOCKER-APP' with a 'public' folder containing 'index.html'. The 'index.html' file is selected and its content is displayed in the main editor. The breadcrumb path is 'public > index.html > html > body > h1'. The code in 'index.html' is as follows:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=h1, initial-scale=1.0">
6   <title>Document</title>
7 </head>
8 <body>
9   <h1>Hello Docker App</h1>
10 </body>
11 </html>
```

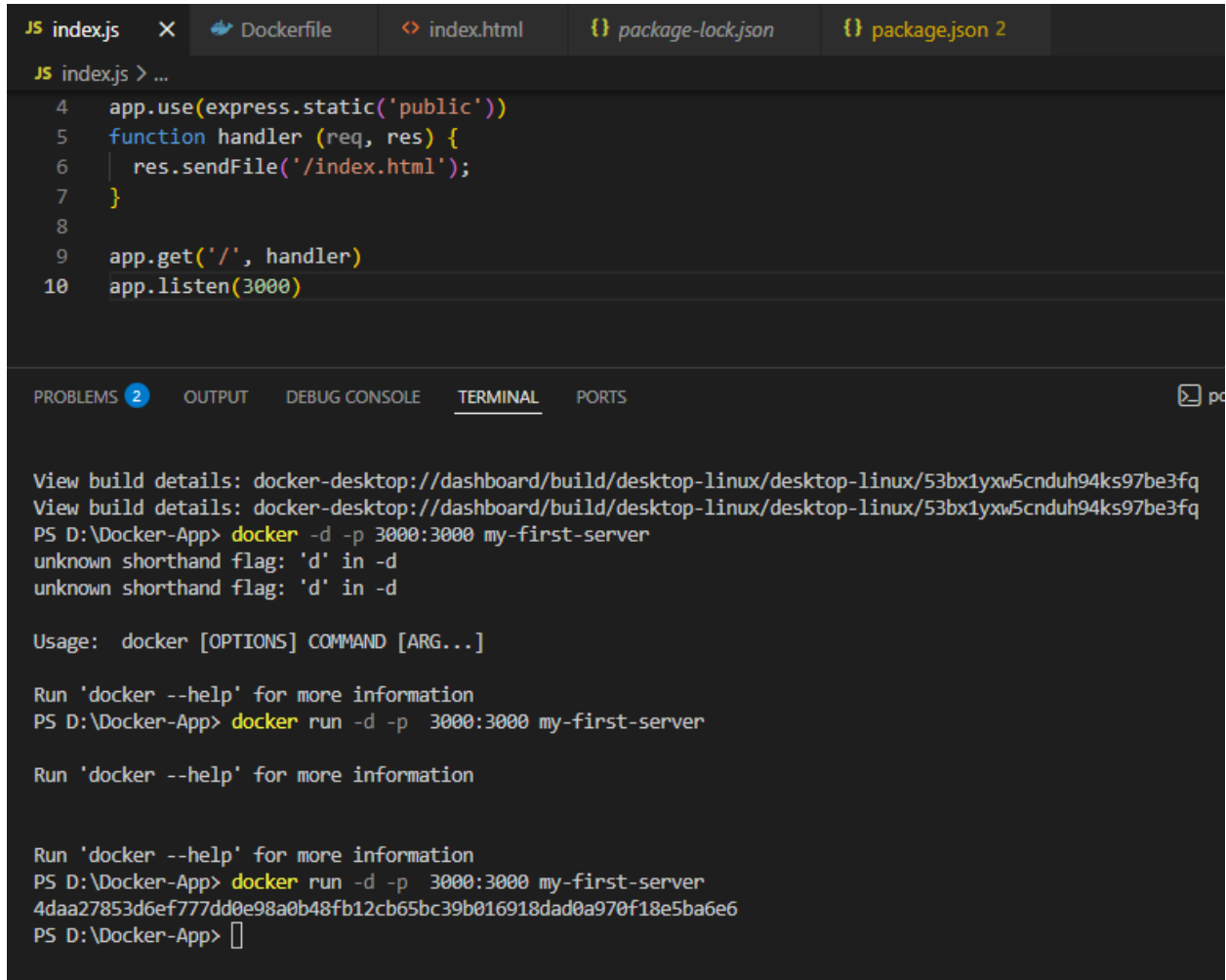
### Index.js



The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left. The Explorer sidebar shows a project named 'DOCKER-APP' with a 'public' folder containing 'index.html'. The 'index.js' file is selected and its content is displayed in the main editor. The breadcrumb path is 'JS index.js > ...'. The code in 'index.js' is as follows:

```
1 import express from 'express'
2 const app = express()
3
4 app.use(express.static('public'))
5 function handler (req, res) {
6   res.sendFile('/index.html');
7 }
8
9 app.get('/', handler)
10 app.listen(3000)
```

## Terminal Screenshot:



The image shows a Visual Studio Code editor window with several tabs: 'index.js', 'Dockerfile', 'index.html', 'package-lock.json', and 'package.json 2'. The 'index.js' tab is active, displaying the following code:

```
JS index.js > ...
4  app.use(express.static('public'))
5  function handler (req, res) {
6    res.sendFile('/index.html');
7  }
8
9  app.get('/', handler)
10 app.listen(3000)
```

Below the editor, the 'TERMINAL' tab is active, showing the output of Docker commands in a Windows PowerShell environment. The terminal text is as follows:

```
View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/53bx1yxw5cnduh94ks97be3fq
View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/53bx1yxw5cnduh94ks97be3fq
PS D:\Docker-App> docker -d -p 3000:3000 my-first-server
unknown shorthand flag: 'd' in -d
unknown shorthand flag: 'd' in -d

Usage:  docker [OPTIONS] COMMAND [ARG...]

Run 'docker --help' for more information
PS D:\Docker-App> docker run -d -p 3000:3000 my-first-server

Run 'docker --help' for more information

Run 'docker --help' for more information
PS D:\Docker-App> docker run -d -p 3000:3000 my-first-server
4daa27853d6ef777dd0e98a0b48fb12cb65bc39b016918dad0a970f18e5ba6e6
PS D:\Docker-App> 
```

## Output Local host Screenshot:

