

Assignment 4.a

1. Create a Node.JS Application which serves a static website.

Steps :

- 1.Run the command :

npm init

- 2.The press enter and add the applicable information like :



```
Command Prompt
C:\Users\Gauri Mathad>cd D:\

C:\Users\Gauri Mathad>mkdir WT4_a

C:\Users\Gauri Mathad>cd WT4_a

C:\Users\Gauri Mathad\WT4_a>npm init
This utility will walk you through creating a package.json file.
It only covers the most common items, and tries to guess sensible defaults.

See `npm help init` for definitive documentation on these fields
and exactly what they do.

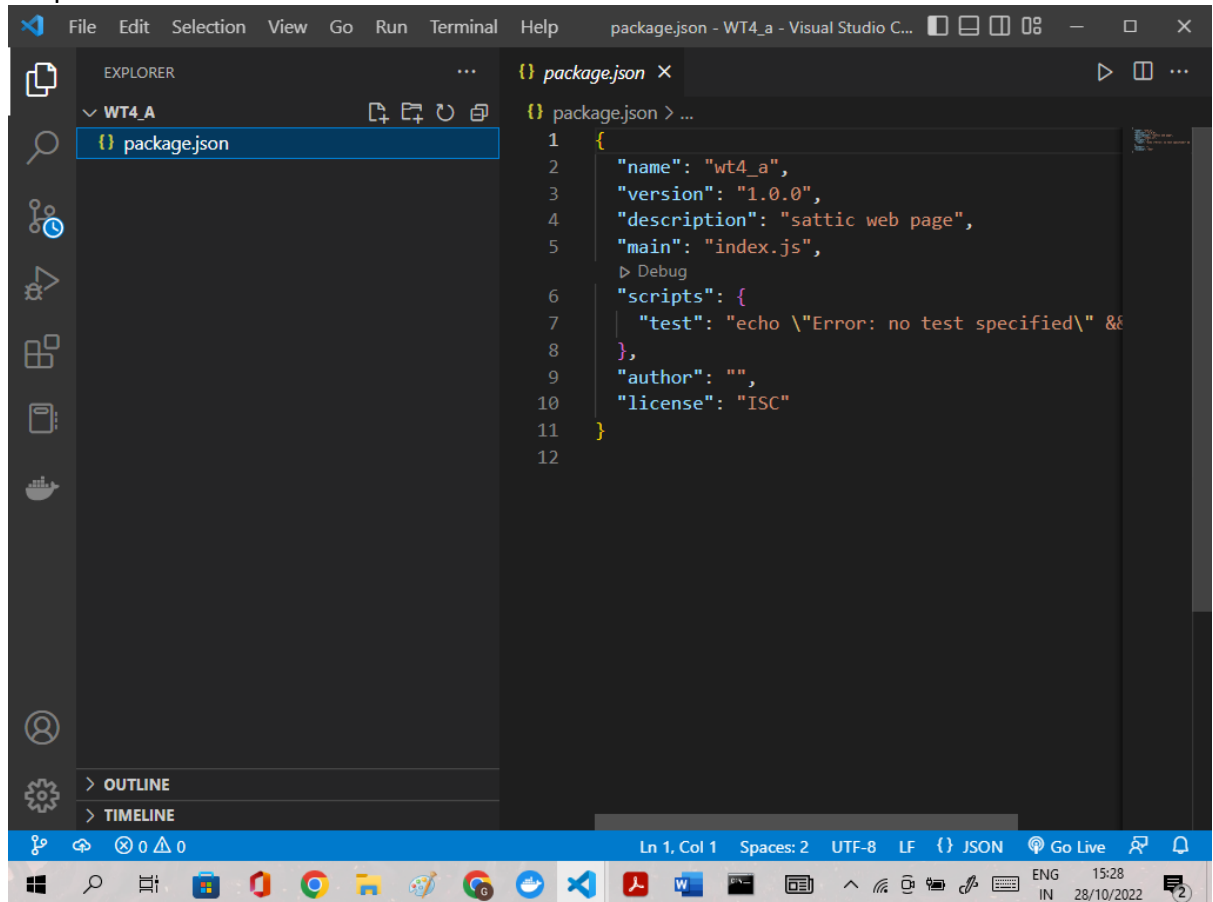
Use `npm install <pkg>` afterwards to install a package and
save it as a dependency in the package.json file.

Press ^C at any time to quit.
package name: (wt4_a)
version: (1.0.0)
description: sattic web page
entry point: (index.js)
test command:
git repository:
keywords:
author:
license: (ISC)
About to write to C:\Users\Gauri Mathad\WT4_a\package.json:
{
  "name": "wt4_a",
  "version": "1.0.0",
  "description": "sattic web page",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "author": "",
  "license": "ISC"
}

Is this OK? (yes) yes

C:\Users\Gauri Mathad\WT4_a>ls
```

3. Open VS Code



4. The create file index.js .

5. Run the command in cmd:

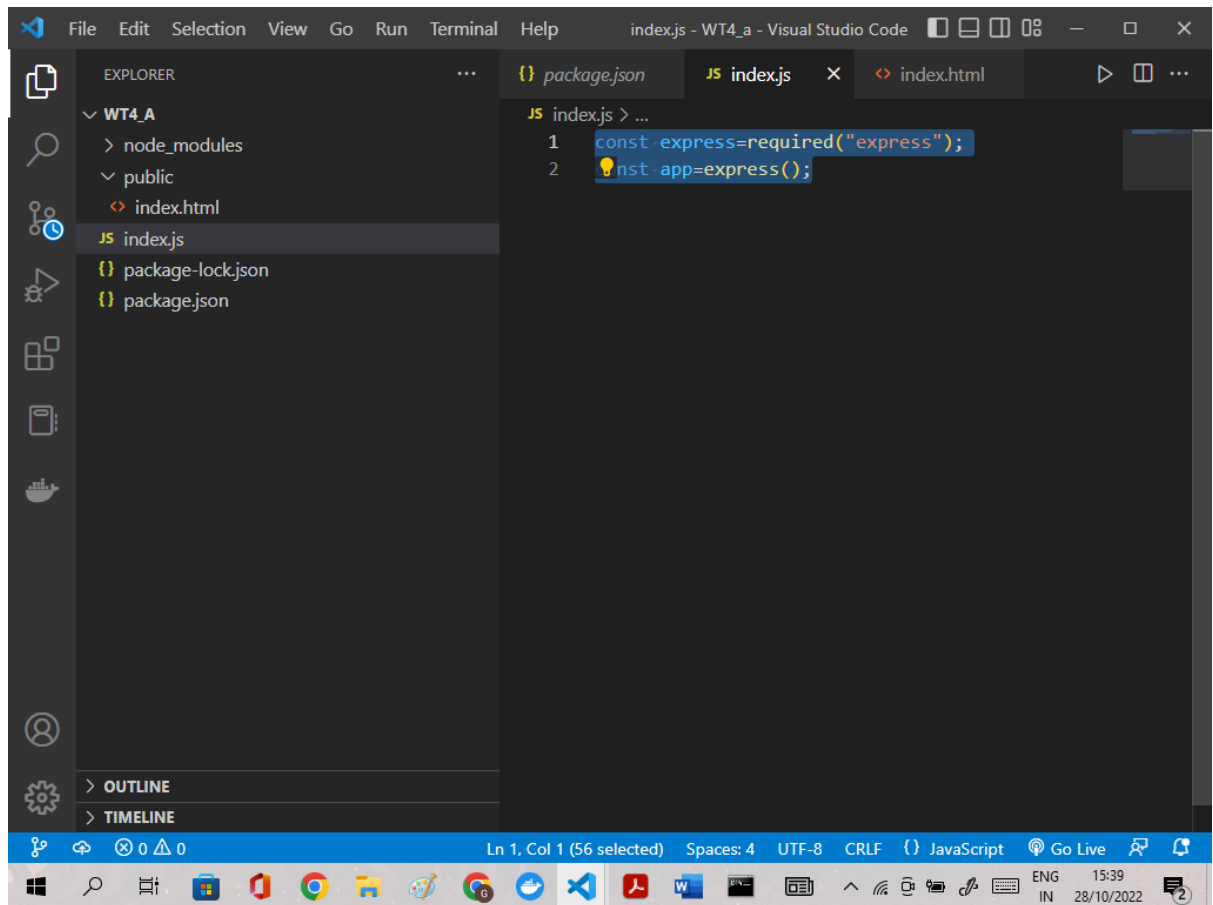
```
npm i express --save
```

6. Write the following code in index.js :

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

7. Create a new folder :public

8. Inside public create file index.html



9.Add some html code inside index.html :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Assignment 4.a</title>
```

```
</head>
```

```
<body>
```

```
  <h1> hello world</h1>
```

```
</body>
```

```
</html>
```

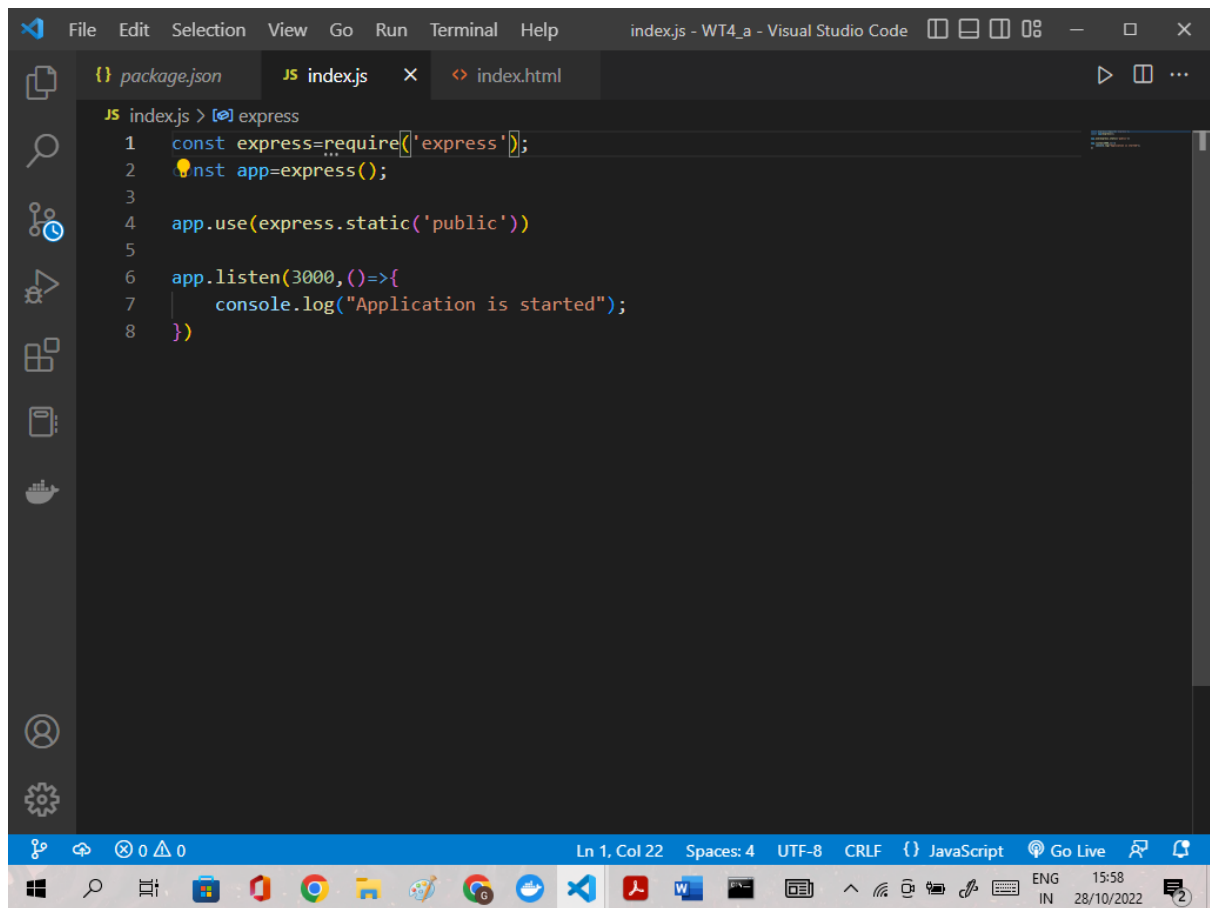
10 .Add the following code in index.js :

```
app.use(express.static('public'))
```

```
app.listen(3000,()=>{
```

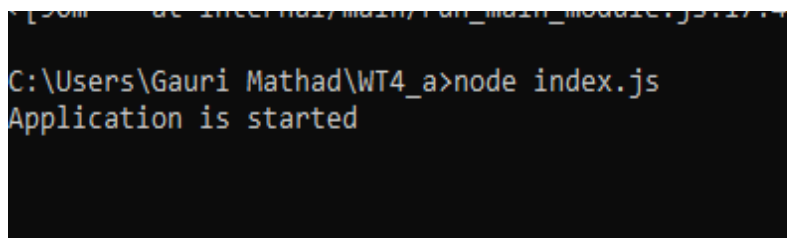
```
    console.log("Application is started");
```

```
})
```



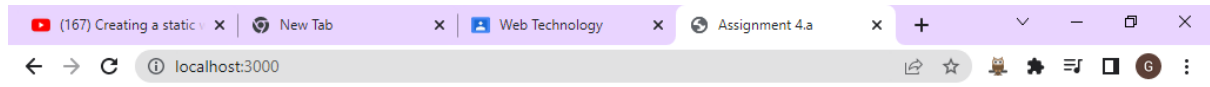
11.Run the command :

```
node index.js
```



12. On web browser type :

localhost:3000



hello world

