**Step1:-**

npm init

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npm install express --save

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npm install express-handlebars --save

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Project structure

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**Step:2**

Style.css

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Main.hbs

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Index.hbs

A screenshot of a computer

Description automatically generated with medium confidence

Error.hbs

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App.js

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Description automatically generated with medium confidence

**Step:3**

http://localhost:3000/

Graphical user interface, text, application

Description automatically generated

http://localhost:3000/users

Graphical user interface, text, application

Description automatically generated

http://localhost:3000/notExist

Graphical user interface, text, application

Description automatically generated

Step:4

1. What is the role of “main.hbs”? How does it being used/called in the app?
2. “main.hbs”  is used to store the layout of website which can be easily applied on different web pages.  In other words the core of the HTML code we want to be rendered is contained by main.hbs file
3. What is the role of “index.hbs” and “error.hbs”? How do these files being used/called in the app?
4. Index.hbs is kind of a static template file inside the layouts folder. It is being called as the root level page.

Error.hbs is being used in case of errors i.e. it is being rendered when any error occurs.

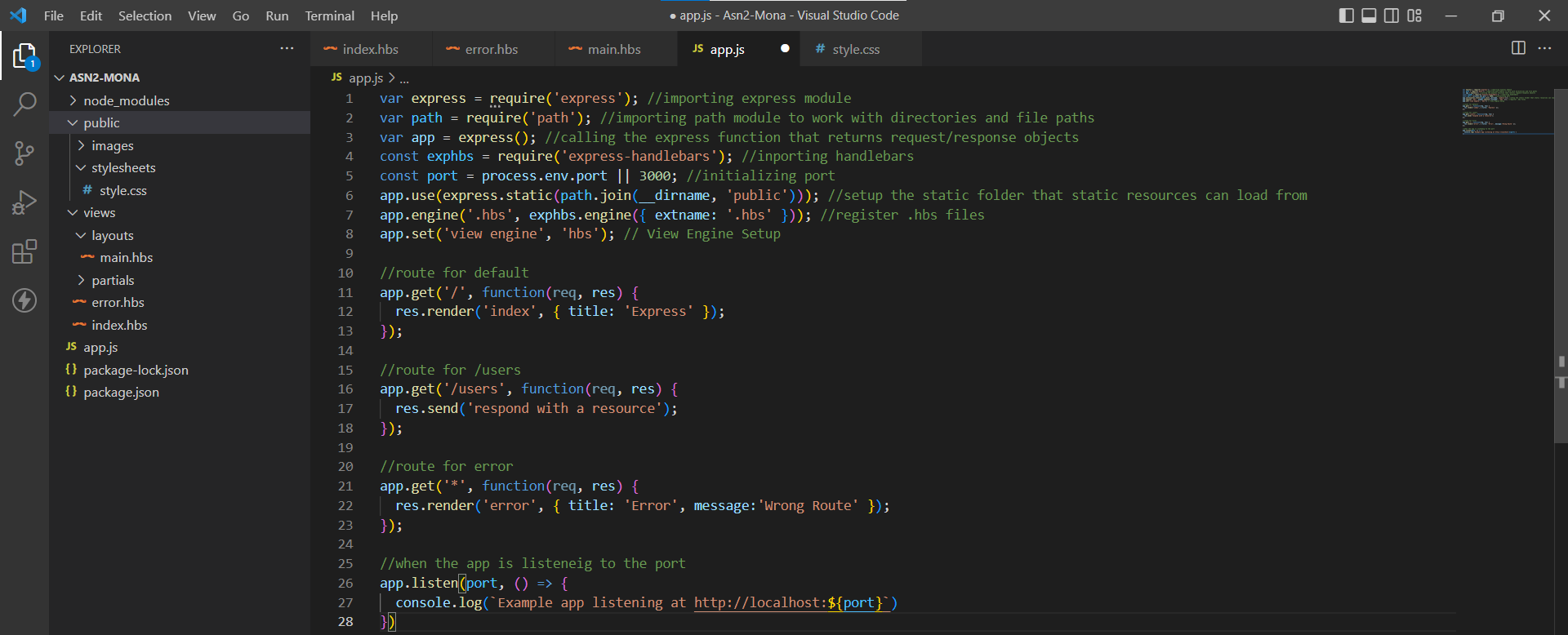
1. In “app.js”, what is the role of the following line? What happen if you commend it out?

app.use(express.static(path.join(\_\_dirname, 'public')));

1. App.use is loading a function as middleware. express.static(path.join(\_\_dirname, 'public')) is  a function that express understands as a middleware. In other words express.static() function returns a middleware that serves all the files in the given path.

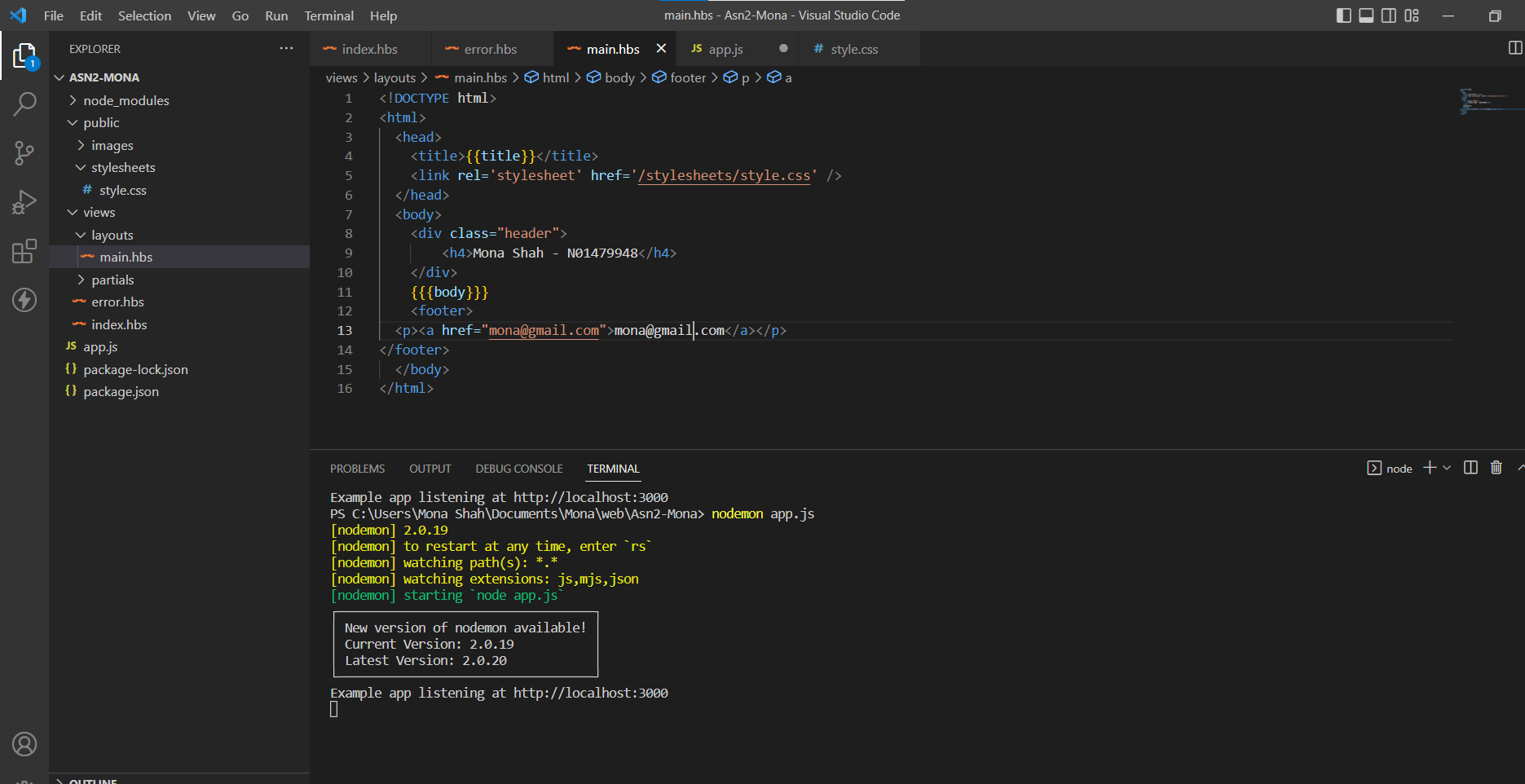
If we comment this line, the function won’t serve all the files and therefore all the attributes and files under the public directory (including the style.css under the stylesheets) will stop reflecting.

1. Try to add proper comments to each line/block in app.js and explain its purpose.



Step:5

Main.hbs



Style.css

**Graphical user interface, text

Description automatically generated**

Output:

Graphical user interface, website

Description automatically generated

Step:6

App.js

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Description automatically generated

Isbn.hbs

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Title.hbs

Graphical user interface, text

Description automatically generated

Output:

Isbn

Graphical user interface, text, application, website

Description automatically generated

Graphical user interface, text, application, Word

Description automatically generated

Incorrect isbn

Graphical user interface, website

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Title:

Graphical user interface, application, website

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

Wrong Title:

Graphical user interface, text, website

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Step:7

App.js

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Description automatically generated with medium confidence

allData.hbs

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Description automatically generated with medium confidence

Graphical user interface

Description automatically generated

Step:8

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Description automatically generated with medium confidence

Graphical user interface, application

Description automatically generated

Step:9

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Description automatically generated with medium confidence

Graphical user interface, table

Description automatically generated

Step:10

a)

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Table

Description automatically generated

b)

Yes “Partial” Templates can be used in headers and footers