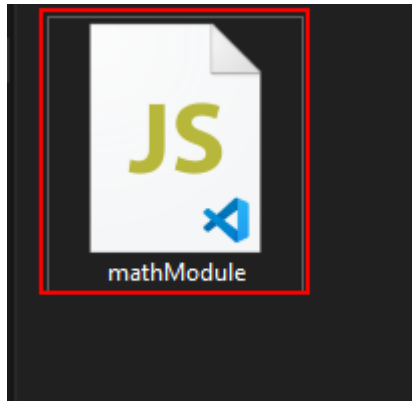


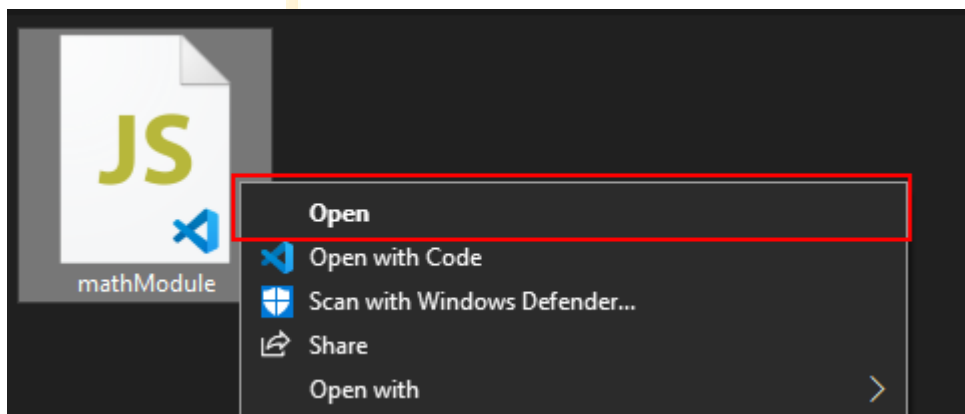
Module 1: Hands-On – 3

Creating, Exporting, and Importing a Node Module

Step 1: Create a file named mathModule.js



Step 2: Open the file in any text editor



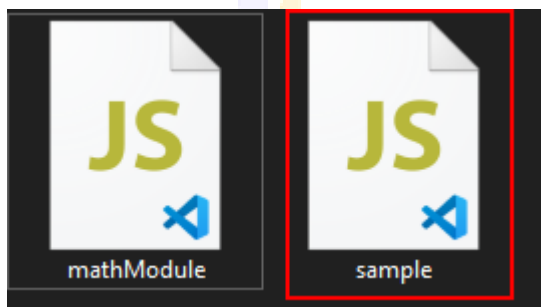
Step 3: Write the following code in the file

```
1  function adder(a, b) {  
2    |   return a + b;  
3  }  
4  
5  function logger(message) {  
6    |   print(message);  
7  }  
8  
9  function print(message) {  
10   |   console.log(message);  
11 }  
12
```

Step 4: At the end of the file, export the desired functions using the `module.exports` keyword

```
function adder(a, b) {  
  return a + b;  
}  
  
function logger(message) {  
  print(message);  
}  
  
function print(message) {  
  console.log(message);  
}  
  
module.exports = { adder, logger }
```

Step 5: Create a new file named `sample.js` in the same folder as `mathModule.js`



Step 6: Inside `sample.js`, import the desired functions from `mathModule.js` using the `'require'` keyword

```
1 const { adder, logger } = require('./mathModule')  
2
```

Step 7: Use the imported functions

```
1 const { adder, logger } = require('./mathModule')  
2  
3  
4 logger(adder(1, 2));
```

Step 8: Run the command **node sample.js** to generate the output

```
Intellipaateam@DESKTOP-FPNPKTE MINGW64 ~/Desktop/node_demo
$ node sample.js
3
```

