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WD – 302

### Laboratory Activity 3: Adding Numbers

1. Create a new directory called "addNumbers"

- Inside the directory, create a new file called "add.js"
- In "add.js", define a function called add that takes two numbers as arguments and returns their sum.
- Export the "add" function using module.exports

```
C: > addNumbers > JS add.js > add
1 function add(a, b) {
2   return a + b;
3 }
4
5 module.exports = add;
```

2. In the same folder "addNumbers", create a new file called "app.js"

- In "app.js", require the "add" module and assign it to a constant called "add"
- Use the "add" function from "add.js" to add the two numbers and print the result to the console

```
C: > addNumbers > JS app.js > ...
1 const add = require('./add');
2
3 const result = add(5, 7); // You can change the numbers
4 console.log("The sum is:", result);
5
```

3. Test your program by running "app.js" using the node command and verify the result.

```
C:\addNumbers>node app.js
The sum is: 12
```