HOLY ANGEL UNIVERSITY

School of Computing

First Semester 2025 - 2026

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Section: WD - 302
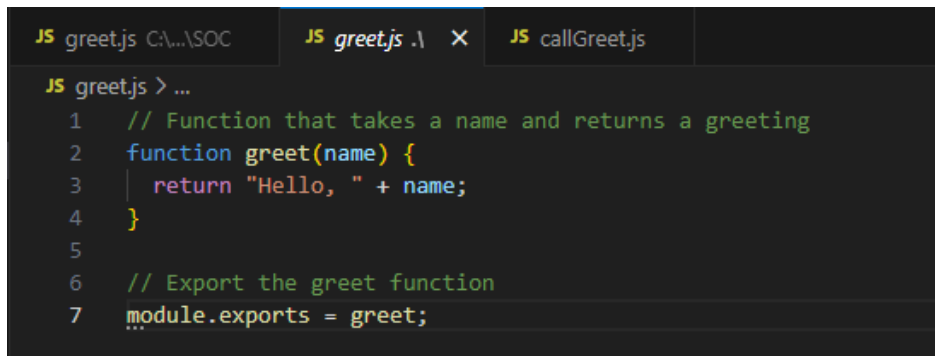
Laboratory Activity 2: Greeting Program

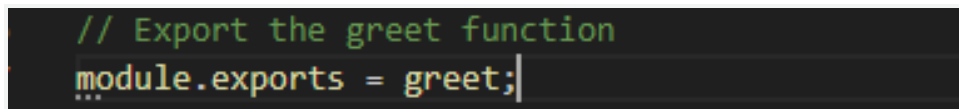1. Create a new directory called "myGreetings"

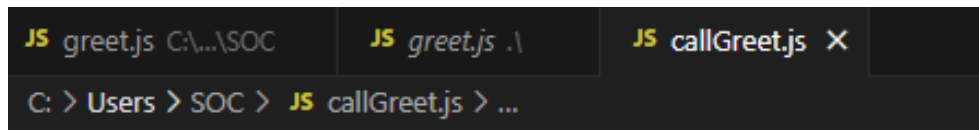- Inside the "myGreetings" directory, create a new file called "greet.js"

- In "greet.js", define a function called "greet" that takes a name as a parameter and returns the string "Hello, " followed by the name.

```
JS greet.js C:\...\SOC        JS greet.js .\   ×   JS callGreet.js

JS greet.js > ...
1     // Function that takes a name and returns a greeting
2     function greet(name) {
3       return "Hello, " + name;
4     }
5
6     // Export the greet function
7     module.exports = greet;
```

- Export the "greet" function using `module.exports`

```
// Export the greet function
module.exports = greet;
```
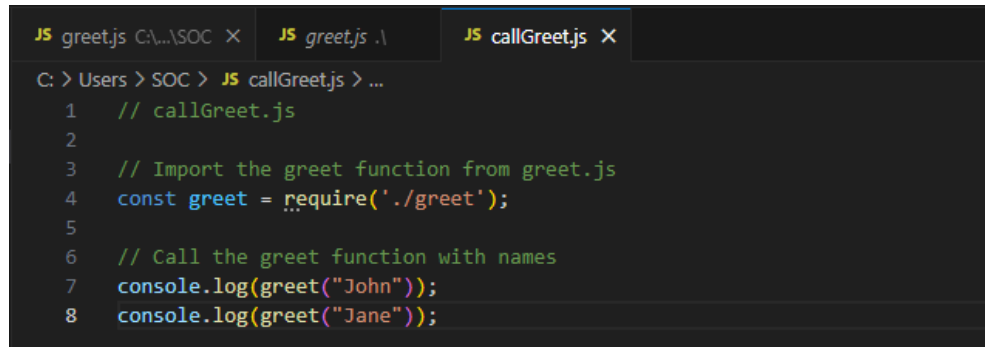
2. Inside the "myGreetings" directory, create a new file called "callGreet.js"

```
JS greet.js C:\...\SOC    JS greet.js .\    JS callGreet.js ✕

C: > Users > SOC > JS callGreet.js > ...
```
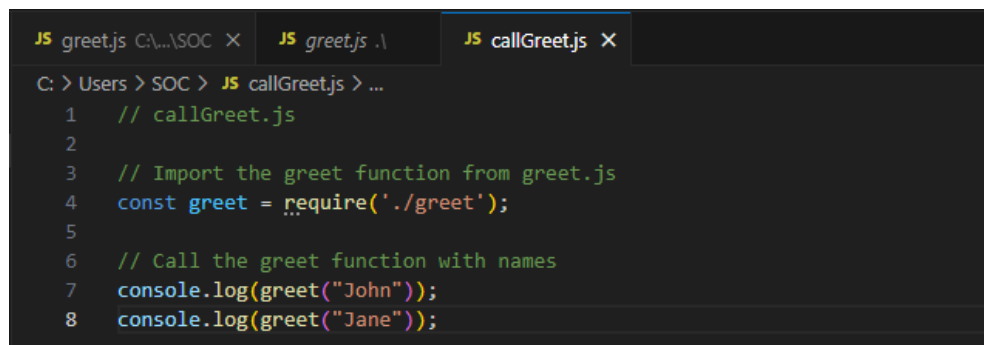
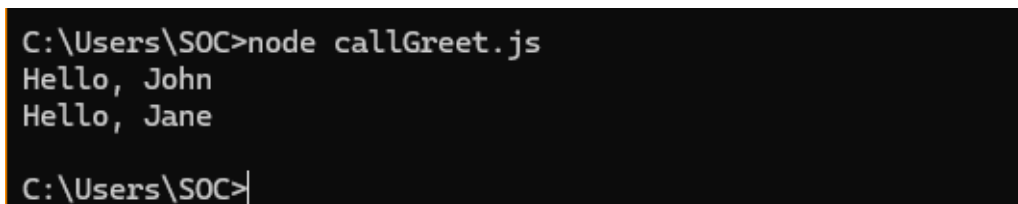- In "callGreet.js", require the "greet" module and assign it to a variable "greet"

```
JS greet.js C:\...\SOC ✕    JS greet.js .\    JS callGreet.js ✕

C: > Users > SOC > JS callGreet.js > ...
  1    // callGreet.js
  2
  3    // Import the greet function from greet.js
  4    const greet = require('./greet');
  5
  6    // Call the greet function with names
  7    console.log(greet("John"));
  8    console.log(greet("Jane"));
```

- Use the "greet" function from "greet" to greet "John" and "Jane" and print the result to the console

```
JS greet.js C:\...\SOC ✕    JS greet.js .\    JS callGreet.js ✕

C: > Users > SOC > JS callGreet.js > ...
  1    // callGreet.js
  2
  3    // Import the greet function from greet.js
  4    const greet = require('./greet');
  5
  6    // Call the greet function with names
  7    console.log(greet("John"));
  8    console.log(greet("Jane"));
```

3. Test your program by running "callGreet.js" using the node command and verify that the program greets "John" and "Jane" correctly.

```
C:\Users\SOC>node callGreet.js
Hello, John
Hello, Jane

C:\Users\SOC>
```