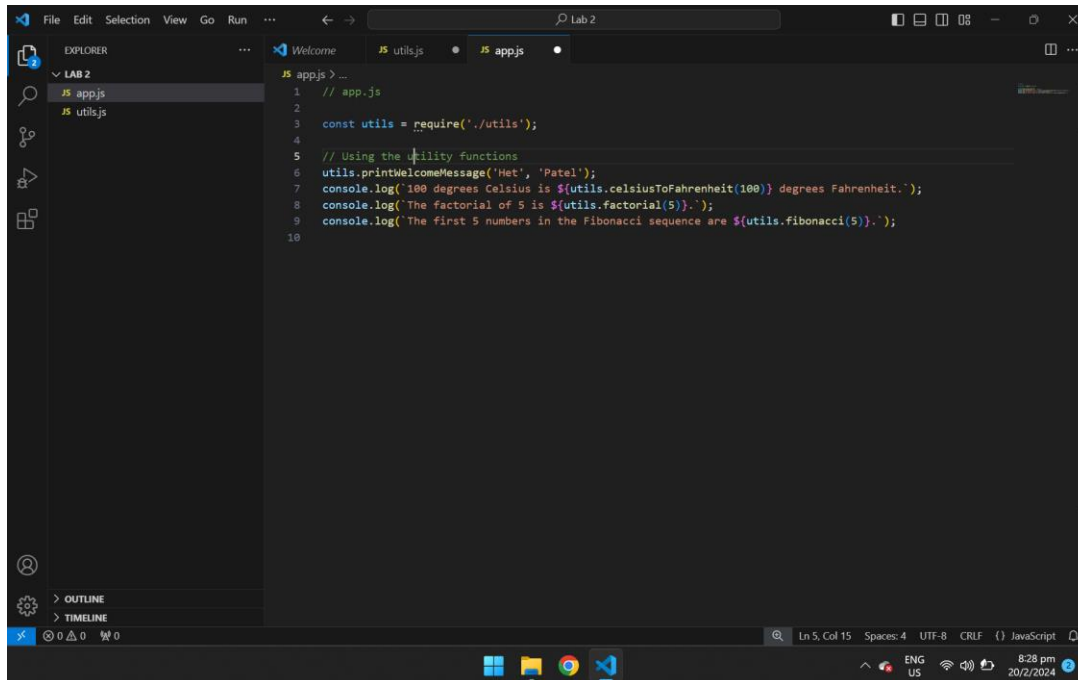


Group 22

Name: Het Samir Patel

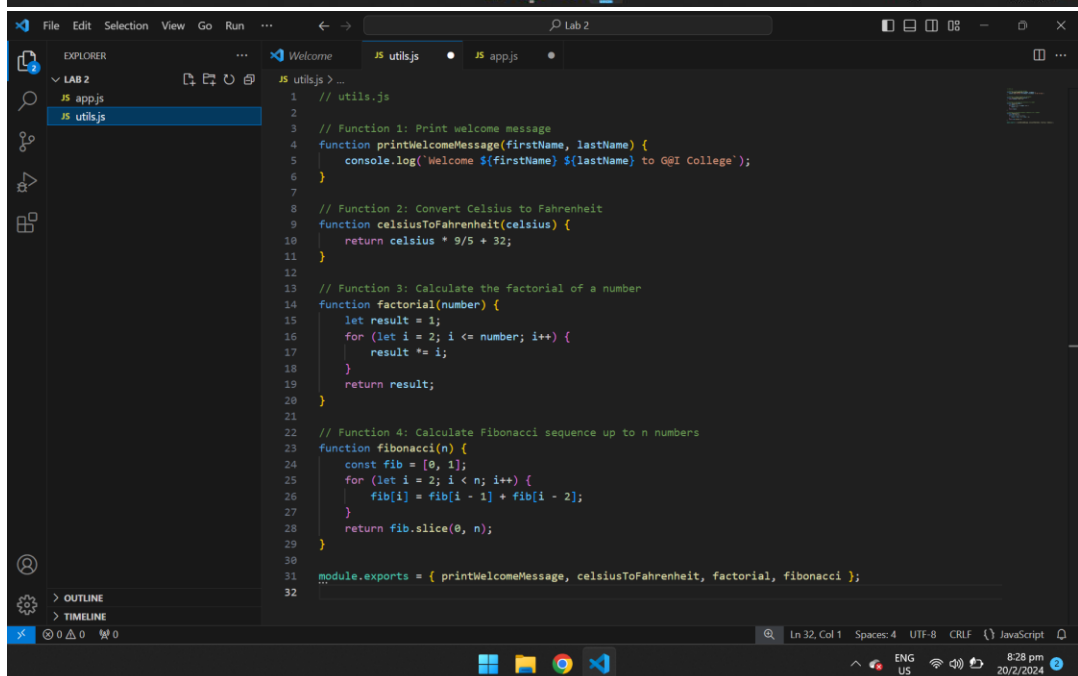
Subject: Javascript Frameworks

Professor: Anmar Jarjees



This screenshot shows the Visual Studio Code editor with the file explorer on the left displaying a project named 'LAB 2' containing 'app.js' and 'utils.js'. The main editor window is open to 'app.js', which contains the following code:

```
1 // app.js
2
3 const utils = require('./utils');
4
5 // Using the utility functions
6 utils.printWelcomeMessage('Het', 'Patel');
7 console.log('100 degrees Celsius is ${utils.celsiusToFahrenheit(100)} degrees Fahrenheit.');
```



This screenshot shows the Visual Studio Code editor with the file explorer on the left displaying 'LAB 2' with 'app.js' and 'utils.js'. The main editor window is open to 'utils.js', which contains the following code:

```
1 // utils.js
2
3 // Function 1: Print welcome message
4 function printWelcomeMessage(firstName, lastName) {
5     console.log('Welcome ${firstName} ${lastName} to GGI College');
6 }
7
8 // Function 2: Convert Celsius to Fahrenheit
9 function celsiusToFahrenheit(celsius) {
10     return celsius * 9/5 + 32;
11 }
12
13 // Function 3: Calculate the factorial of a number
14 function factorial(number) {
15     let result = 1;
16     for (let i = 2; i <= number; i++) {
17         result *= i;
18     }
19     return result;
20 }
21
22 // Function 4: Calculate Fibonacci sequence up to n numbers
23 function fibonacci(n) {
24     const fib = [0, 1];
25     for (let i = 2; i < n; i++) {
26         fib[i] = fib[i - 1] + fib[i - 2];
27     }
28     return fib.slice(0, n);
29 }
30
31 module.exports = { printWelcomeMessage, celsiusToFahrenheit, factorial, fibonacci };
32
```

