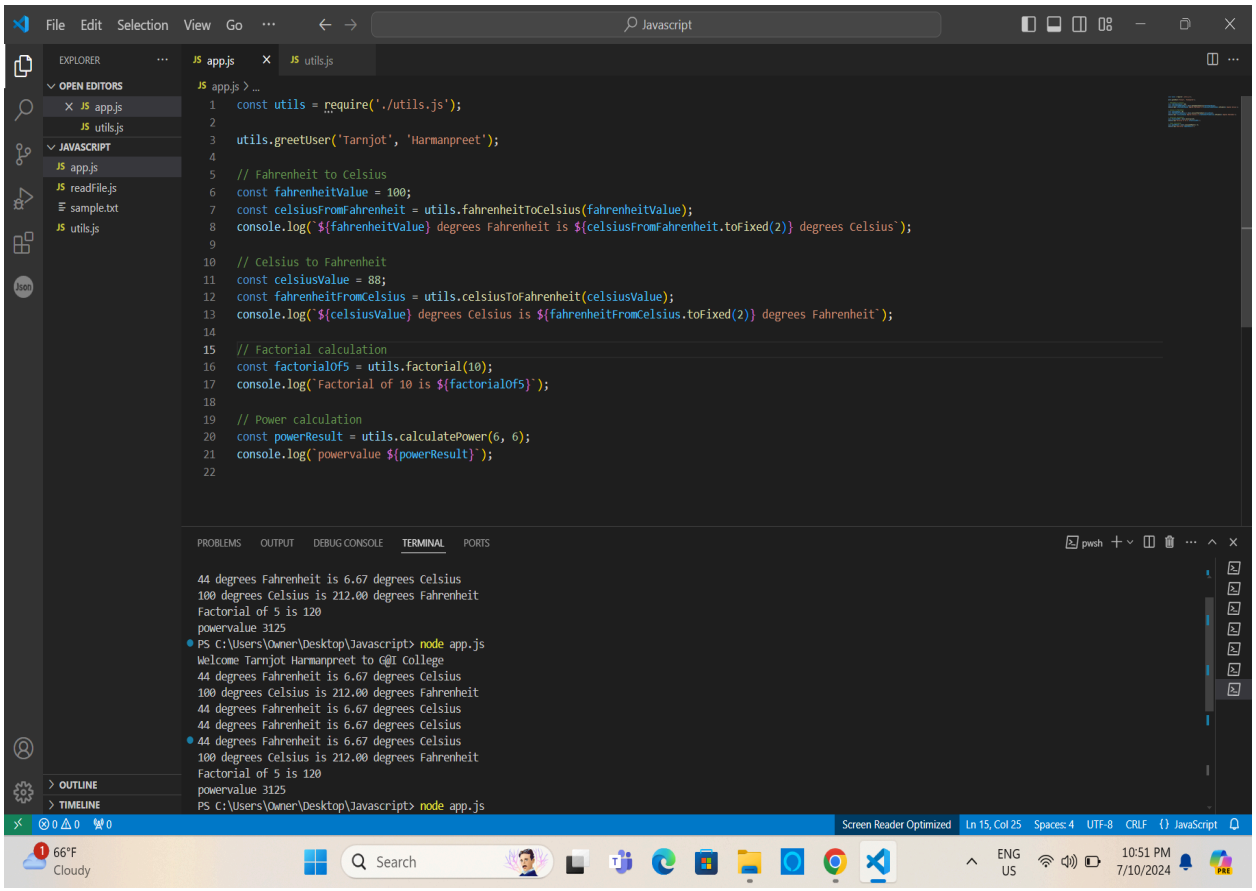
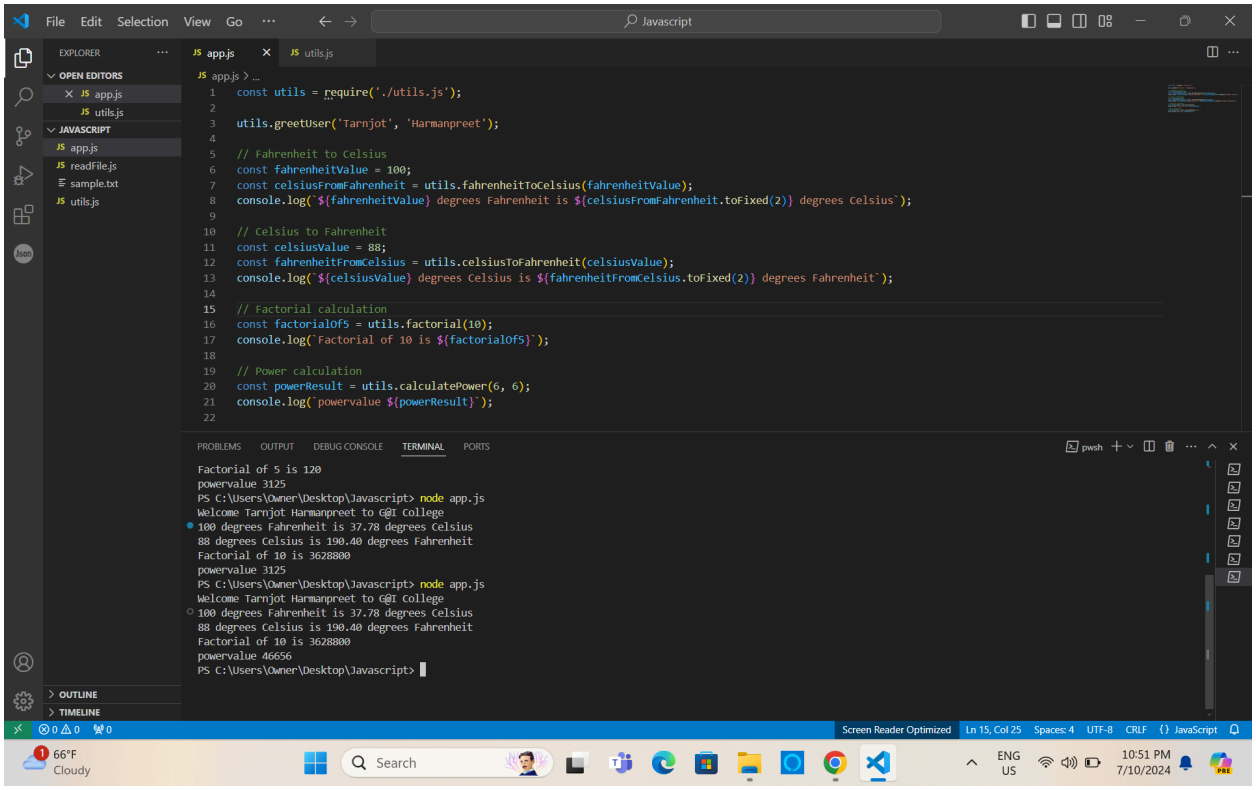
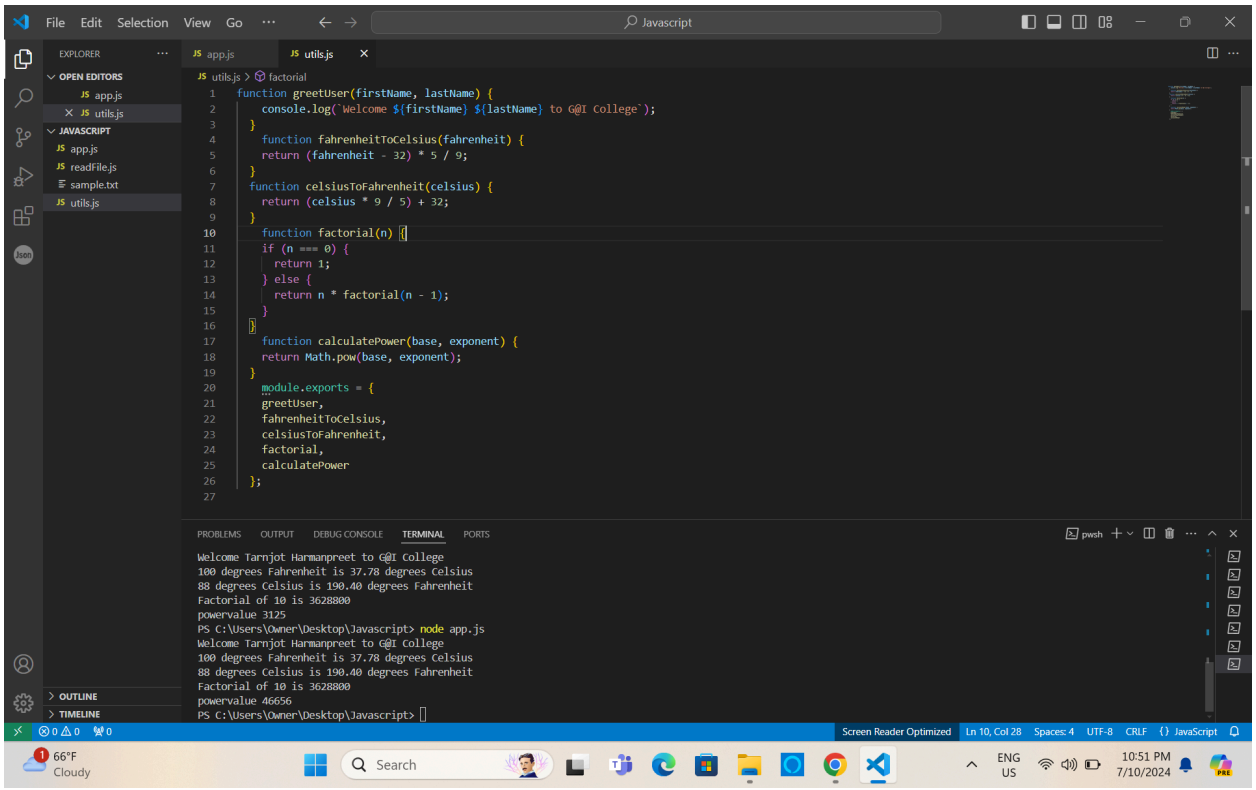
NAME: TARNJOT KAUR BHAGTANA, HARMANPREET KAUR
STUDENT ID: 200542858, 200543170




File Edit Selection View Go
Javascript
EXPLORER
OPEN EDITORS
app.js
utils.js
JAVASCRIPT
app.js
readFile.js
sample.txt
utils.js
app.js
utils.js
app.js > ...
1 const utils = require('./utils.js');
3 utils.greetUser('Tarnjot', 'Harmanpreet');
5 // Fahrenheit to Celsius
6 const fahrenheitValue = 100;
7 const celsiusFromFahrenheit = utils.fahrenheitToCelsius(fahrenheitValue);
8 console.log(`${fahrenheitValue} degrees Fahrenheit is ${celsiusFromFahrenheit.toFixed(2)} degrees Celsius`);
10 // Celsius to Fahrenheit
11 const celsiusValue = 88;
12 const fahrenheitFromCelsius = utils.celsiusToFahrenheit(celsiusValue);
13 console.log(`${celsiusValue} degrees Celsius is ${fahrenheitFromCelsius.toFixed(2)} degrees Fahrenheit`);
15 // Factorial calculation
16 const factorialOf5 = utils.factorial(10);
17 console.log(`Factorial of 10 is ${factorialOf5}`);
19 // Power calculation
20 const powerResult = utils.calculatePower(6, 6);
21 console.log(`powervalue ${powerResult}`);
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
pwsh
Factorial of 5 is 120
powervalue 3125
PS C:\Users\Owner\Desktop\Javascript> node app.js
Welcome Tarnjot Harmanpreet to G@I College
100 degrees Fahrenheit is 37.78 degrees Celsius
88 degrees Celsius is 190.40 degrees Fahrenheit
Factorial of 10 is 3628800
powervalue 3125
PS C:\Users\Owner\Desktop\Javascript> node app.js
Welcome Tarnjot Harmanpreet to G@I College
100 degrees Fahrenheit is 37.78 degrees Celsius
88 degrees Celsius is 190.40 degrees Fahrenheit
Factorial of 10 is 3628800
powervalue 46656
PS C:\Users\Owner\Desktop\Javascript>
OUTLINE
TIMELINE
Screen Reader Optimized
Ln 15, Col 25
Spaces: 4
UTF-8
CRLF
JavaScript
66°F
Cloudy
Search
ENG
US
10:51 PM
7/10/2024


File Edit Selection View Go
Javascript
EXPLORER
OPEN EDITORS
app.js
utils.js
JAVASCRIPT
app.js
readFile.js
sample.txt
utils.js
app.js
utils.js
utils.js > factorial
1 function greetUser(firstName, lastName) {
2 console.log(`Welcome ${firstName} ${lastName} to G@I College`);
3 }
4 function fahrenheitToCelsius(fahrenheit) {
5 return (fahrenheit - 32) * 5 / 9;
6 }
7 function celsiusToFahrenheit(celsius) {
8 return (celsius * 9 / 5) + 32;
9 }
10 function factorial(n) {
11 if (n === 0) {
12 return 1;
13 } else {
14 return n * factorial(n - 1);
15 }
16 }
17 function calculatePower(base, exponent) {
18 return Math.pow(base, exponent);
19 }
20 module.exports = {
21 greetUser,
22 fahrenheitToCelsius,
23 celsiusToFahrenheit,
24 factorial,
25 calculatePower
26 };
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
pwsh
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PS C:\Users\Owner\Desktop\Javascript>
OUTLINE
TIMELINE
Screen Reader Optimized
Ln 10, Col 28
Spaces: 4
UTF-8
CRLF
JavaScript
66°F
Cloudy
Search
ENG
US
10:51 PM
7/10/2024