SE Boot Camp Assignment 4

Create a JavaScript file (link it to an HTML file), and write code for Part A, B, C and D:

A.

Lucas and Petter are trying to compare their BMI (Body Mass Index), which is calculated using the formula:

BMI = mass / (height * height)
mass in kg, height in meter

Steps:
1. Store two persons' mass and height in variables,
2. Calculate their BMI accordingly
3. Compare their BMI, store the result in a variable lucasHigherBMI, Log blew message to console:

"The BMI of John is ? The BMI of Lucas is ? Lucas' BMI is higher than Petter's BMI that is True/False"

Test data:
Lucas: 78kg 1.69m tall
Petter: 92kg 1.95m tall

B.

The Temperature Converter - Let's make a converter based on the steps here and display the coverted result. -Use template literals Only to display the result

- Store a celsius temperature into a variable. Convert it to fahrenheit and output "NN°C is NN°F".
- Now store a fahrenheit temperature into a variable. Convert it to celsius and output "NN°F is NN°C."

C.

Use the BMI example from part A, and the code you already wrote, and improve it:
1. Print a nice output to the console, saying who has the higher BMI. The message can be either "Lucas' BMI is higher than Peter's!" or "Peter's BMI is higher than Lucas'!"
2. Use a template literal to include the BMI values in the outputs. Example: "Lucas' BMI (28.3) is higher than Peter's (23.9)!"
HINT: Use an if/else statement or conditional operator

D.

Create 2 functions (Arrow Function Preferred) to convert temperature:
Create a function called CovertCelsiusToFahrenheit. When calling the function, pass a Celsius temperature value (argument) to the function, the function can convert it to Fahrenheit temperature. Log a message to console at the end. Eg: "NN°C is NN°F".
TEST DATA: 100°C 0°C 10°C

Create the other function called CovertFahrenheitToCelsius. Convert Fahrenheit to Celsius and log "NN°F is NN°C." to Console.
TEST DATA: 32°F 10°F 102°F