

SE Boot Camp Assignment 7

Create a JavaScript file (link it to an HTML file), and write code for below task:

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

$$\text{BMI} = \text{mass} / \text{height} ** 2 = \text{mass} / (\text{height} * \text{height})$$
(mass in kg and height in meter).

Your tasks:

1. Store Lucas's and John's mass and height in variables
2. Calculate both their BMIs using the formula (implement both versions)
3. Create a Boolean variable 'lucasHigherBMI' containing information about whether Lucas has a higher BMI than John.
4. Use Template Literals to display the Data 2 result (`? is a value`):

Lucas and John are friends, Lucas is ? m tall and John is ? m tall.

So John has higher BMI than Lucas, that is ?.

Test data:

§ Data 1: Lucas weights 78 kg and is 1.69 m tall. John weights 92 kg and is 1.95 m tall.

§ Data 2: Lucas weights 95 kg and is 1.88 m tall. John weights 85 kg and is 1.76 m tall.