



JAVASCRIPT AND THE DOM

CREATE THE FOLLOWING PROJECTS - DO NOT FORGET TO PUT EVERYTHING ORGANISED IN A FOLDER! STYLE IS COMPLETELY OPTIONAL. ONCE YOU ARE DONE, COMPRESS THE FOLDER AND UPLOAD IT. IF SOMETHING IS NOT WORKING WITH JAVASCRIPT, USE THE CONSOLE TO CHECK.

1. **GEOMETRY CALCULATIONS:** Create an input where the user can type how many hours he worked in a week and his hourly rate. Then, once he clicks on a button, the computer will output in the DOM the **gross income**. If the hours worked are more than 40, the computer will calculate 20% more of the hourly rate **only on the overtime**. (Optional: calculate the *net income* as well: taxes are: CPP 4.95% and EI 1.7%).
2. **FAHRENHEIT TO CELSIUS:** Create an input where the user can type the temperature in Fahrenheit and when he clicks on a button the computer make a conversion gives back the temperature in Celsius. Plus, if the temperature is **below** 0° C, the computer outputs "It's freezing!", and if the temperature is **above** 30° C it outputs "It's too hot!".
3. (Optional) **ANSWER THE QUESTION:** Create 2 questions, each one with 4 different answers. Only 1 of these 4 is the correct one. The user can pick an answer using radio inputs. Whenever he's done, he clicks on a button which check if his 2 answers are correct or not. If they are both correct, the computer outputs "You made it, 2 of 2!". If only one is correct, it says "1 of 2! Good job.". If no one is correct, it says "0 of 2. You should study more!".

Hint: remember, inputs have no innerHTML - there's no content in them, just value!

Select a maintenance drone:

- ☒ Huey
- ☐ Dewey
- ☐ Louie

← Example

Good luck!