This is a devlog of my project that I am working right now. Since I had a lot of issues with creating a game, I decided to go with an calculator-based program with emphasis of conversion from US to metric in areas of automotive related distance, measurement, and fuel consumption.

1. **Reference:** https://www.youtube.com/watch?v=QyEx6LEUPv8
   This is my inspiration of creating and the idea of a converter calculator for the project

2. This is a simple calculator but I know measurement of units because it involves automobiles and the US and metric systems

3. The measurements that I am going to include measurements of power, distance, and liquid (including fuel consumption). This will give the user the idea of measurement when they travel overseas (and also Canada and Mexico), owning a vehicle with metric, or in best-case scenario; helping a traveler to figure out the measurements in situations such as the gas station.

4. The challenges that I ran into is the input type. If I only have one input menu to convert, then the calculator would have issues. Also I copied the resultType HTML code and placed it on certain parts until I realized that I forgot to change it to inputType. I also run into an error that was caused by a missing syntax error and thanks to the reference that MDN pointed out, I changed from const to let and the error was gone. Reference from MDN. Also I had an issue of getting the second measurement table working right with the Power and Engine Displacement table working correctly. It almost took me an hour to fix until I realized that on my HTML page that I did not give the IDs of the input and output of the distance conversion another tag. That is why there was no movement despite zero errors. As a consequence, I had to create a second JavaScript file for the distance conversion but it also has its benefits because it prevents confusion and conflict with the first JavaScript files. In fact, this is common on complex JavaScript programs and projects to have multiple JavaScript scripts

5. As a result, I am done and finally got it to run but I did not have time to style because of time constraint and have no idea of what I should include.

Other resources for unit conversions
(kilowatt hour to km/l equivalent): https://converterin.com/fuel-economy/km-liter-to-kilowatt-hour.html
(kilowatt hour to MPG equivalent) https://www.fisherhonda.com/how-to-calculate-mpge-vs-mpg/