ES6 Classes

Background

For this assignment you are being tasked with creating a Car constructing class in JavaScript.

Setup

Please create a git repository titled `m10-hw12-lastname-firstname` and clone the repo to your computer. Copy the files from the `unsolved` folder into the root directory of your cloned repository. Write your code in the `index.js` file that has been provided.

There are tests included in this assignment. You can run the tests using the `index.html` file with the live server extension. When you have completed the assignment, all tests should pass.

Instructions

Your assignment is to create a class named `Car` in JavaScript. This class will create objects that have three properties:

1. `make` (String) - The car's manufacturer. *E.g. Honda*
2. `model` (String) - The type of model. *E.g. Civic*
3. `year` (Integer) - Four digit year the car was made. *E.g. 1998*

Your class should also have the following methods:

- `honk` - This method should log "BEEP BEEP!" to the console when called.
- `performMaintenance` - This method should use the `setTimeout` function to log "maintenance complete" to the console **after exactly 3 seconds**.

After you have created your `Car` class do the following in the order listed below:

1. Create a variable named `mySweetRide` and assign it a car created with your class using the following arguments:
   - `make`: 'Pontiac'
   - `model`: 'Fiero'
   - `make`: 1988
2. call `mySweetRide`'s `honk` method once
3. call `mySweetRide`'s `performMaintenance` method once

Running the `index.html` will run the included tests for this assignment. All of the tests should pass when you have completed the requirements listed above.

Deployment

Your code must be deployed to GitHub Pages. To deploy a repository to GitHub pages you must

1. Ensure your repository has an `index.html` file in the root directory.
2. Navigate to the `settings` section of the repository.
3. Click on `pages` in the left navigation menu.
4. Under `source` click the dropdown and select your `master` or `main` branch.
5. Click `save`.

Your site should be deployed to `<your github username>.github.io/<your repository name>` in 5-10 minutes.

Submission

Please submit both a link to your repository and a link to the live site. Also please include any comments on stumbling blocks or difficulties encountered while completing the assignment.

Resources

This assignment will test your ability to write ES6 classes and utilize the `setTimeout` function.

Classes:

- [Classes on W3 Schools](#)
- [Classes on MDN](#)
- [Deep Dive of JS prototypes and classes (article)](#)
- [Deep Dive of JS prototypes and classes (video)](#)

`setTimeout`:

- [setTimeout on W3](#)
- [JS Timing Events on W3](#)
- [setTimeout on MDN](#)