JavaScript, Github Conventions for TutorConnect

1. **Variable Names**: camelCase
   1. Ex: let firstName = “Chris”
2. **Class Name**: PascalCase
   1. MinesweeperDriver.js
3. **Functions: camelCase**:
   1. function toCelsius(fahrenheit)

{

return (5 / 9) \* (fahrenheit - 32);

}

1. **Loops**:
   1. for (let i = 0; i < 5; i++)

{  
  x += i;  
}

1. **Objects**: Expanded or Compressed
   1. const person = {  
        firstName: "John",  
        lastName: "Doe",  
        age: 50,  
        eyeColor: "blue"  
      };
   2. const person = {firstName:"John", lastName:"Doe", age:50, eyeColor:"blue"};
2. **Accessing HTML Elements**:
   1. const obj = getElementById("Demo");
3. **Loading in JavaScript** 
   1. <script src="myscript.js"></script>
4. Avoid Long Lines of Code
5. Indentions should be 1 tab.

**GitHub Conventions**:

1. **Branch Naming**: Sprint#\_FirstNameLastInitial\_BranchName

* EX: Sprint1\_RockC\_LandingPage

1. **Pull Requests**: Must be approved by at least one person before being merged

* Merge conflicts will be handled by the two devs that are causing the conflict.

1. **Main Branches**
   1. main (or master) – The production-ready branch.
   2. develop – The integration branch for new features (if following Git Flow).
   3. Feature Branches (for development)
      1. feature– For new features.
      2. bugfix– For fixing bugs.
      3. hotfix– For urgent production fixes.