

launch code

- Codergirl – WebDev Unit
 - Class 11
 - May 5, 2021

Agenda

- Housekeeping
- Review
- Live coding
- Groups
- Studio



Housekeeping

- .Graded Assignment #3 -Mars Rover
- .DUE (05/14)!!

Studio

- Strategic Debugging.



Review – Classes

- .Blueprints for us to easily create objects
- .Relatively new addition to JS
- .Added with ES6 (2015)

```
1  class ClassName {  
2      constructor(parameters) {  
3          //assign properties  
4      }  
5      //define methods  
6  }
```



Review – Classes

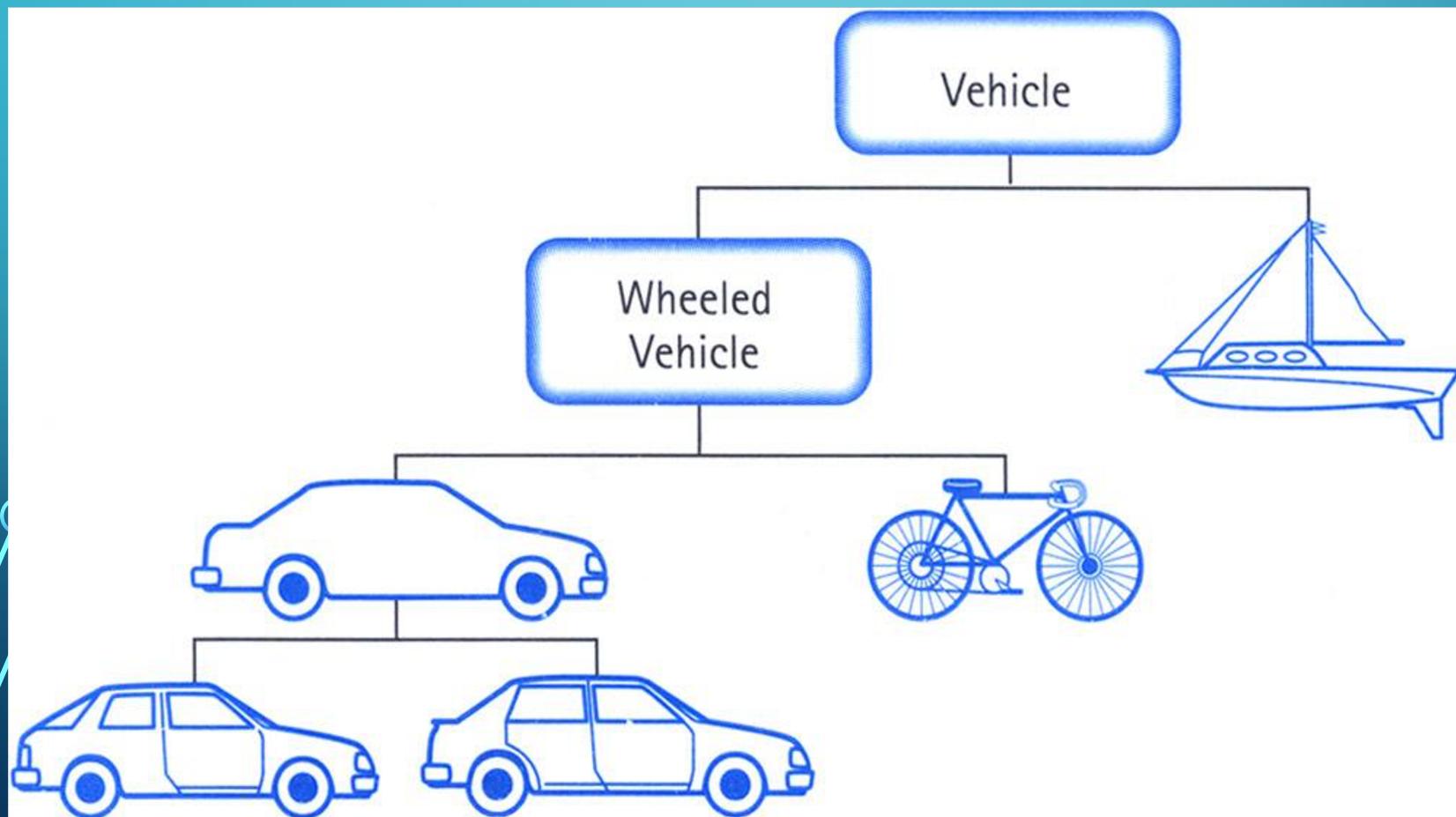
- .Constructor – Special method for creating a new **instance** (or copy) of our class.
- .If we don't define a constructor, JS creates an empty constructor for us
- .Use **this.property =** to assign values within the constructor.

```
1  class Astronaut {  
2      constructor(name, age, mass) {  
3          this.name = name;  
4          this.age = age;  
5          this.mass = mass;  
6      }  
7  }
```



Review – Class Inheritance

Inheritance- the ability of a class to acquire properties and methods from another class



Review – Class Inheritance

```
1 class ChildClass extends ParentClass {  
2     constructor () {  
3         super();  
4         // properties  
5     }  
6 }
```

.Super() - All properties of the ParentClass are included in the ChildClass

Inheritance allows us to create specific classes without duplication

Review – Classes

Questions?

Live Coding

JS

Now

- Find your group Zoom
- Studio
- Graded Assignment
- Prep for next week

When your code compiles
after 253 failed attempts

