

Full Stack IV - Lab 1

- ES6 Classes

Developer Note:

- Try to solve the problems without using search engines or stack overflow for the solutions.
- Create separate files for each exercise

Exercise 1:

- Using [ES6 syntax](#) for [class](#) and [subclass](#) using [extends](#) to create a Sedan subclass which derives from Car Class. The parameters for the Car class is the model and year. The parameters for the subclass is the model, year and balance.
- Use the [super key word](#) in the Sedan subclass to set the model and name in base Car constructor.

```
const car2 = new Car('Pontiac Firebird', 1976);
console.log(car2.details());
// Subclass - extends Car super class
const sedan = new Sedan('Volvo SD', 2018, 30000);
console.log(sedan.info());
```

```
// Output
//Model: Pontiac Firebird Engine 1976
// Volvo SD has a balance of $30000.00
```

[ES6 Class and extends Reference](#)

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Classes/extends>