

Lab JS_OOP1

Due: 11:59 pm, Monday, October 30, 2017. Submit through Canvas.

Instructions:

- **No late submission** will be accepted.
- Your web page **MUST** run without error.
- Use JS_OOP1 + Your Last Name + First Letter of Your First Name as your file name. Note that no space or special character other than underscore should be used in the name. For instance, for me, the name of my file should be **JS_OOP1DingW.html**. **Violation of naming requirement will result in 3 points cut.**
- In the HTML comment tags, at the very beginning of the HTML, you should put your full name, the course number and name (COP 3834C-01 Web Application Development), the name of lab, e.g. JS_OOP1, and the date. **Without this, 5 point will be cut.**

Subject

Write a complete webpage with embedded JavaScript code to create a car object with following properties and methods.

- Properties
 - color: string
 - model: string
 - engine: number, in unit of horse power
 - tankSize: number, in unit of gallon
- Methods
 - display(): no return, print out current values of all properties of this object with innerHTML.
 - start(): no return, print out the shortest time this car needs to accelerate from 0 to 80 miles/hour, using either innerHTML or document.write().

Create one car using the object literal and the other using the new operator along with the Object object. Then call every method from each object created.

At the minimum, the HTML code should have a heading and a <p> element that serves as the anchor for the innerHTML output.