MAD 6135 S2 2021WINTER JAVASCRIPT LAB TEST 2:

**Submit by Thursday April 22**

This is an Individual Lab Activity.

Upload to Dropbox: <https://www.dropbox.com/request/P6LoeTPkoKOKzTySutLd>

WHAT YOU ARE TO DO:

You can post questions in the Slack Team Room:

<https://join.slack.com/t/slack-rwp4704/shared_invite/zt-ovcd6b1j-7dYhCWXZnDLRqxEwipJE8w>

For this Lab Activity: You will extend the work we did together in class for the JavaScript Website Application for a Car Pricing Application.

In addition to the work we did together in class: OBJECTIFY the items that the customer can add to the car.

So don’t just pass around a text string for SUN ROOF, make an OBJECT for each Accessory for each item the customer wishes to add to the Car.

Follow the rest of the instructions as stated in the Car Pricing Worksheet Lab Activity.

Download this file.

Complete this information:

Name: Venkata Srikanth Sai Marella

Student ID: C0771612

Name of Work: Lab Activity 2: The Car Pricing Application.

**Name the file as: Mad6135\_LabActivity2\_CarPricingApplication\_Name\_StudentID.docx**

Attach your code at the bottom of this Document.

Upload this Document to: <https://www.dropbox.com/s/cu23fam9eomorbc/PROJECT%20Create%20a%20price%20calculator.docx?dl=0>

Code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE-edge">

<meta name = "viewport" content="width=device-width, initial-scale=1.0">

<title>Wheel Motors Dealership</title>

</head>

<style>

img{

display: inline-block;

vertical-align: middle;

}

</style>

<body>

<section>

<form name="mycars">

<p>Please select a Car:</p>

<div>

<input type="radio" id="car1" checked name="cars" value="15000">

<img width='50%' src='car1.jpg'/>

</div>

<div>

<input type="radio" id="car2" name="cars" value="5000">

<img width='50%' src='car2.jpg'/>

</div>

<div>

<input type="radio" id="car3" name="cars" value="12000">

<img width='50%' src='car3.jpg'/>

</div>

<div>

<input type="radio" id="car4" name="cars" value="11000">

<img width='50%' src='car4.jpg'/>

</div>

</form>

</section>

<form id="carform" autocomplete="off">

<label>

<input id="sunroof" type="checkbox" value="1000" data-itemname="Sunroof">

Sunroof: $1000

</label>

<label>

<input id="gps" type="checkbox" value="5000" data-itemname="Built-in GPS">

Built-in GPS: $5000

</label>

<label>

<input id="sunroof" type="checkbox" value="700" data-itemname="Mirror">

Miror: $700

</label>

<label>

<input id="gps" type="checkbox" value="200" data-itemname="USB">

USB: $200

</label>

</form>

<div>

Selections:

<span id="selections"></span>

<br>

Total Price: <span id="price"></span>

</div>

<script>

var price=Number(document.querySelector('input[name=cars]:checked').value)

var rad = document.mycars.cars;

var prev = null;

for (var i = 0; i < rad.length; i++) {

rad[i].addEventListener('change', function() {

(prev) ? prev.value: null;

if (this !== prev) {

prev = this;

}

console.log(this.value)

price=Number(this.value)

var options = document.getElementById('carform').querySelectorAll('input');

for(var i=0; i<options.length; i++){

options[i].checked = false;

}

document.getElementById('price').innerHTML = price;

});

}

document.getElementById('price').innerHTML = price;

var options = document.getElementById('carform').querySelectorAll('input');

for(var i=0; i<options.length; i++){

options[i].onclick = handleOption;

}

function handleOption(){

var itemPrice = Number(this.value);

if(this.checked){

price += itemPrice;

}

else{

price -= itemPrice;

}

showSelections();

document.getElementById('price').innerHTML = price;

}

function showSelections(){

var list = [];

var checkedOnes = document.getElementById('carform').querySelectorAll('input:checked');

for(var i=0; i<checkedOnes.length; i++){

var itemname = checkedOnes[i].getAttribute('data-itemname');

list.push(itemname);

}

document.getElementById('selections').innerHTML = list.join(',');

}

</script>

</body>

</html>