**Introduction to Web Development: JavaScript**

**Class 7: Exercises**

Review the source code from todays lecture in the respective github repository;

[IntroToWebDev/Class7 at main · prawstho/IntroToWebDev (github.com)](https://github.com/prawstho/IntroToWebDev/tree/main/Class7)

1. Create JavaScript code to implement the following three loops;
   * 1. For
     2. While
     3. Do While
   1. Create at least two examples for each of the different loops, for a total of six examples.
2. Create three different arrays. (These are examples, please create your own.)
   1. An array of numbers.

const integers = [98,56,345,87,5,76,91,123,43];

* 1. An array of words.

const instruments = ['piano','flute','guitar','tenor banjo','ukulele'];

* 1. An array of objects.

const autos = [

{id: 10, make: 'Ford', model: 'Bronco', year: 1998},

{id: 20, make: 'GMC', model: 'Yukon', year: 2003},

{id: 30, make: 'Volkswagen', model: 'Rabbit', year: 2008},

{id: 40, make: 'Volkswagen', model: 'Jetta', year: 2012},

{id: 50, make: 'Mazda', model: 'Familia', year: 2011}

];

1. Create JavaScript code to implement both a For() and a ForEach() each loop for each of the arrays created in exercise 2 above. This should create six different loops.

**// FOR (example, please create your own)**

**for(let i = 0; i < instruments.length; i++) {**

**console.log(`Instrument: ${integers[i]}.`)**

**};**

**// FOREACH (example, please create your own)**

**instruments.forEach(function(instrument) {**

**console.log(`instrument is ${instrument}.`);**

**});**