**CS 3160 Concepts of Programming Languages**

**Fall 2018 Assignment 6**

**Due 11-21-2018**

1. **Is Javascript compiled or interpreted? Due to this implementation how are errors caught?**
2. **We want to implement a students variable, initially with JSON “Andreas:”MS Student” and “Vinodini”:”Phd Student”. Please show how we would do this.**
3. **Given var numbers = [45, 4, 9, 16, 25]; write a function that outputs the odd numbers to the console.**
4. **Find a webpage that has Javascript in it. Give the page URL, do not link it, and summarize a script on the page. You don’t need to summarize some complex algorithm, just some details like who/what/when/where/why/how.  
   (HINT: your browser will allow you to view a page’s source. HINT 2: find+event is an easy way to locate a function)**
5. **Modify the script to print each element of the form (frm1) in the “demo” paragraph.**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<form id="frm1" action="/action\_page.php">**

**First name: <input type="text" name="fname" value="Donald"><br>**

**Last name: <input type="text" name="lname" value="Duck"><br>**

**Date of Birth: <input type="text" name="dob" value="14-01-1991"><br>**

**<br>**

**<input type="submit" value="Submit">**

**</form>**

**<p>Click "Try it" to display the value of each element in the form.</p>**

**<button onclick="myFunction()">Try it</button>**

**<p id="demo"></p>**

**<script>**

**function myFunction() {**

**// Your code here!**

**}**

**</script>**

**</body>**

**</html>**