



**Answer:** body IS / IS NOT case-sensitive

**Answer:** style IS / IS NOT case-sensitive

**Answer:** color IS / IS NOT case-sensitive

// but there is a common convention to name style attributes always lowercase

// Each part of the question/answer is worth 5 points.

// Purpose: tests if you understand the grammar of HTML and CSS

## **Problem Set 2 – JavaScript**

### **Problem 2a (15pts.)**

In HTML tags are not case sensitive, in XML tags are case sensitive. JavaScript language variables and functions are case sensitive. The following piece of code is in HTML 4.01 Strict. Please clarify what is and what is not case sensitive:

```
<BODY onLoad="alert('Message!');" >
```

**Answer:** body IS / IS NOT case-sensitive

**Answer:** onLoad IS / IS NOT case-sensitive

**Answer:** alert IS / IS NOT case-sensitive

// Each part of the question/answer is worth 5 points.

// Purpose: tests if you understand the grammar of JavaScript and use in HTML

### **Problem 2b (10pts.)**

Using JavaScript How can you check if the Web page is displayed because of bookmark/user typed in location or because user clicked on a link on another Web page? (Hint: how to find out what was the location of the Web page that has the link to our page that was just clicked?) Mention the full name of the variable/object and explain briefly.

**A JavaScript variable window.document.referrer holds information how the current Web page was reached. If a link was followed then it will have the location of the page that had that link posted. Otherwise, the string is empty.**

// Mention document.referrer in any way that makes sense to get - full credit

// The incorrect trial into history received - partial credit

// Blind reusing information about frames (from old test or homework) - no credit

// Purpose: tests if your knowledge of basic environment variables of JavaScript

// run inside a Web browser. You mus have seen them while researching window.xyz

// and document.xyz in search for feature such as location neededd in Homework2

### **Problem 2c (15pts.)**

Please provide the JavaScript function code that checks the check box inside the form when the button is clicked?

```
<form name="aa">
  <input name="bb" type="checkbox" value="DL" checked="" />
  <input name="cc" type="button" onClick="CheckTheBox();" />
</form>
```

**Answer:** (write the function code in JavaScript)

```
<script type="text/JavaScript">
```

```
<!--
```

```
function CheckTheBox() {
```



```

    } catch (NumberFormatException e1) {
        System.out.println("ERROR: NumberFormatException caught");
    } catch (Exception e3) {
        System.out.println("ERROR: Generic (any type) Exception caught");
    }
    System.out.println("Program made it past the try-catch code");
}
}

```

E	R	R	O	R	:		N	u	m	b	e	r	F	o	r	m	a	t	E	x	c	e	p	t	i	o	...
P	r	o	g	r	a	m		m	a	d	e		i	t		p	a	s	t		t	h	e		t	r	...

// Each mistake in a value costs 5 points until 15 reached.  
 // Purpose: tests if you understand the concept of exceptions in Java,  
 // This example was run and discussed (not "just mentioned") in the lecture