MULTIPLE CHOICE

1. Situation: Which of the following elements should be used to open a new webpage? **There is only one correct answer**

a. <button>
b. <a href="http://audioeye.com">
c. <div class="button">
d. <a href="#">
e. <input type="button"/>

2. Situation: Which of the following elements should be used to open a Modal Popup? **There is only one correct answer**

a. <button>
b. <a href="http://audioeye.com">
c. <div class="button">
d. <a href="#">
e. <input type="button"/>

3. Situation: Which of the following elements should be used to scroll to top of page? **There is only one correct answer**

a. <button>
b. <a href="http://audioeye.com">
c. <div class="button">
d. <a href="#">
e. <input type="button"/>

4. Situation: Which of the following elements should be used to navigate next and previous slides on a carousel? **There is only one correct answer**

a. <button>
b. <a href="http://audioeye.com">
c. <div class="button">
d. <a href="#">
e. <input type="button"/>

5. Which of the following options present an accessible input?

a.
<label>Do you like peas?
  <input type="text" name="peas">
</label>

b.

```html
<label>Do you like peas?</label>
<input type="text" name="peas" id="pods">
```

c.
```html
<label for="peas">Do you like peas?</label>
<input type="text" name="peas" id="pods">
```

d.
```html
<input type="text" name="peas" placeholder="Do you like peas?" />
```

e.
```html
<label for="pods">Do you like peas?</label>
<input type="text" name="peas" id="pods">
```

f.
```html
<tr><td>Do you like peas?</td><td><input type="text" name="peas" id="peas"></td></tr>
```

CODE QUESTIONS

6. Given this code:
```javascript
var index = 'coin';

var obj = {
    a: {
        'animal': 'rooster',
        'coin': 'penny'
    },
    b: {
        'animal': 'hen',
        'coin': 'dime'
    }
};

// What does this do?
console.log(obj.a.animal + " " + obj.b[index]);
```

7. Given the following code:
```javascript
var x = {

    value: 0,

    plus: function () {
        this.value = this.value + 1;
```

```
    },

    minus: function() {
        this.value = this.value – 1;
    },

    display: function() {
        console.log("value: ", this.value);
    }
};

// what does this do?
x.plus()
x.plus()
x.minus()
x.plus()
x.display()
```

8. Given the following code:
```
var obj = function(a) {
    sundry = this;
    this.x = 3;
    console.log(sundry.x * a);
}
```

```
// What does this do?
obj(9)
```

SHORT ANSWER

9. Given instructions to create a text input that needs to be labeled "First Name", what is the correct and accessible syntax to label this text input?

10. On a webpage, a <div> with class="button" has a click event. Because a keyboard user cannot activate the click event, this is not accessible. Typically, a keyboard user needs tab to an interactive element such as a link or button and press the space or enter key to activate. Only using JS/JQuery, how would you make this <div> keyboard accessible?

Code:
```
$('div.button').click(function() { alert('Here are 1000
```

```
Bitcoins!'); });
<div class="button">Click for FREE MONEY</div>
```