

# INT222 Quiz 4

Name: Solution

## Instructions:

Complete all questions in the spaces provided (the number of lines provided does not indicate the length of the code required). This quiz is worth 5% of your final mark and you will have exactly 30 minutes to complete it.

## Question 1 – Form Elements (21 Marks):

Show the complete HTML for the **below elements + labels only**. Make sure that your HTML is valid and that your labels function correctly for each element – no CSS is required.

a) First name:

```
<label for="fname">First name</label><br />
<input type="text" name="fname" id="fname" placeholder="Placeholder Text">
```

b) Comments:

```
<label for="comments">Comments:</label><br />
<textarea name="comments" id="comments">Here is a default comment</textarea>
```

c) Enter Password:

```
<label for="password">Enter Password:</label><br />
<input type="password" name="password" id="password">
```

d) Upload your assignment:

 No file chosen

```
<label for="upload">Upload your assignment:</label><br />
<input type="file" name="upload" id="upload">
```

e) Vehicles Owned

- ☐ Car  
☒ Motorcycle

```
Vehicles Owned<br />
<label><input type="checkbox" name="vehicle_owned" value="car"> Car</label><br />
<label><input type="checkbox" name="vehicle_owned" value="motorcycle" checked> Motorcycle
</label>
```

f) Residence Type

- ☒ House  
☐ Apartment

```
Residence type<br />
<label><input type="radio" name="residence_type" value="house" checked> House</label>
<br />
<label><input type="radio" name="residence_type" value="apartment"> Apartment</label>
```

g) Favourite Colour:

```
<label for="fav_colour">Favourite Colour:</label><br />
<select name="fav_colour" id="fav_colour" multiple>
  <option value="red" selected>Red</option>
  <option value="green" selected>Green</option>
  <option value="blue">Blue</option>
</select>
```

## Question 2 – Form Structure & New CSS Selectors (8 Marks):

Answer the following questions about HTML Form Structure / Syntax & the newly introduced CSS Selectors. There is only one correct answer per question

<p><b>a)</b> The &lt;form&gt; element attribute used to specify which url to send the form data to:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> href</li><li><input type="checkbox"/> location</li><li><input checked="" type="checkbox"/> action</li><li><input type="checkbox"/> url</li></ul>	<p><b>e)</b> Which of the following illustrates a valid Universal Selector (targets all elements):</p> <ul style="list-style-type: none"><li><input type="checkbox"/> ? { ... }</li><li><input checked="" type="checkbox"/> * { ... }</li><li><input type="checkbox"/> ! { ... }</li><li><input type="checkbox"/> ~ { ... }</li></ul>
<p><b>b)</b> The &lt;form&gt; element attribute used to specify how the form data will be send is:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> datatype</li><li><input type="checkbox"/> encoding</li><li><input type="checkbox"/> type</li><li><input checked="" type="checkbox"/> method</li></ul>	<p><b>f)</b> Which of the following illustrates a valid Child Selector (targets elements that are nested immediately inside another element):</p> <ul style="list-style-type: none"><li><input type="checkbox"/> .outer[h1] { ... }</li><li><input type="checkbox"/> .outer h1 { ... }</li><li><input checked="" type="checkbox"/> .outer&gt;h1 { ... }</li><li><input type="checkbox"/> [.outer]&gt;h1 { ... }</li></ul>
<p><b>c)</b> The 2 different ways to send form data to the server are:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> "get" &amp; "post"</li><li><input type="checkbox"/> "upload" &amp; "post"</li><li><input type="checkbox"/> "put" &amp; "get"</li><li><input type="checkbox"/> "upload" &amp; "transfer"</li></ul>	<p><b>g)</b> Which of the following illustrates a valid Attribute Selector (targets elements that have a specific attribute / attribute value):</p> <ul style="list-style-type: none"><li><input type="checkbox"/> ([inside].div) { ... }</li><li><input checked="" type="checkbox"/> div[class="inside"] { ... }</li><li><input type="checkbox"/> div[.inside] { ... }</li><li><input type="checkbox"/> div[class:inside] { ... }</li></ul>
<p><b>d)</b> The element used to Complete a form is:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> &lt;submit type="form"&gt;</li><li><input checked="" type="checkbox"/> &lt;input type="submit"&gt;</li><li><input type="checkbox"/> &lt;input type="sendForm"&gt;</li><li><input type="checkbox"/> &lt;submit value="Send"&gt;</li></ul>	<p><b>h)</b> Which of the following illustrates a valid General Sibling Selector (targets elements that are nested in the same level as another element):</p> <ul style="list-style-type: none"><li><input type="checkbox"/> .outer1[.outer2] { ... }</li><li><input type="checkbox"/> .outer2==.outer1 { ... }</li><li><input type="checkbox"/> [.outer2+.outer1] { ... }</li><li><input checked="" type="checkbox"/> .outer1~.outer2 { ... }</li></ul>