

INT222 Quiz 3

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 (12 Marks):

Show the correct HTML5 element for displaying the following:

- a) A **paragraph** containing the text: **Hello World**

```
<p>Hello World</p>
```

- b) A major (largest) **heading** containing the text: **Section One**

```
<h1>Section One</h1>
```

- c) An **image** showing the image file **quiz3.jpg** inside the folder **images** using a **relative path**. (**NOTE: You can assume the html file and the images folder are in the same directory**). The image must also include the **alternate text: Quiz 3**

```

```

- d) A **link** showing the text **Seneca College** that opens the url **http://www.senecacollege.ca** in a **new window**.

```
<a href="http://www.senecacollege.ca" target="_blank">Seneca College</a>
```

- e) A **paragraph** containing the text **< Apples & Oranges >** (**HINT: make use of the correct HTML entities** discussed in class)

```
<p>&lt; Apples &amp; Oranges &gt;</p>
```

- f) A **figure** containing an **image** showing the image file **quiz3b.png** using a **relative path**. (**NOTE: You can assume the html file and the quiz3b.png file are in the same directory**). Your figure must also contain a **figure caption** with the text **"Quiz 3b Image"**

```
<figure>
  
  <figcaption>Quiz 3 Image</figcaption>
</figure>
```

Question 2 (6 Marks):

Show the html only (no CSS) to replicate the following **nested list** (**NOTE:** You do not need to show the HTML for the whole page – only the list):

- **Oranges**
- **Apples**
 1. **Red**
 2. **Green**
 - **Granny Smith**
- **Bananas**

```
<ul>
  <li>Oranges</li>
  <li>Apples
    <ol>
      <li>Red</li>
      <li>Green
        <ul>
          <li>Granny Smith</li>
        </ul>
      </li>
    </ol>
  </li>
  <li>Bananas</li>
</ul>
```

Question 3 (6 Marks):

Show the html only (no CSS) to replicate the following **table** (**NOTE:** You do not need to show the HTML for the whole page – only the table):

THIS IS A HEADING	
1	3
2	

```
<table>
  <caption>Table Caption!</caption>
  <tr>
    <th colspan="2">THIS IS A HEADING</th>
  </tr>
  <tr>
    <td>1</td>
    <td rowspan="2">3</td>
  </tr>
  <tr>
    <td>2</td>
  </tr>
</table>
```

Question 4 (10 Marks):

Show the correct CSS code for the following styling tasks:

- a) Select all **<div>** elements and set the **border-width** property to **2px**

```
div { border-width: 2px; }
```

- b) Select all **** elements with class "colorize" and set the **background-color** property to **red** and their **color** property to **#000000**

```
span.colorize { background-color: red; color: #000000 }
```

- c) Select all **<p>** elements that exist inside a **<div>** element which has a class "outer", and set the **text-decoration** property to **underline** and the **font-weight** property to **bold**

```
div.outer p {text-decoration: underline; font-weight: bold; }
```

- d) select all ****, **<u>** and **<i>** elements and set their the **color** property to **#0000FF**

```
b,u,i { color: #0000FF; }
```

- e) select all **<video>** elements inside an element with an **id** value of "main" and set the **border-color** property to **blue** and the **border-style** property to **dotted**

```
#main video {border-color: blue; border-style: dotted; }
```