**SECTION A: FORMATIVE ASSESSMENT**

**Question 1**

1. - Frames

* Forms

1. FRAMES - These features allow authors to present documents in multiple views. This is to offer designers a way to keep certain information visible. In this way, on the same window, one frame might display a static banner, a second a navigation menu, and a third the main document that can be scrolled through or replaced by navigating in the second frame.

FORMS – They are used to obtain information from visitors through a website. To get access to that information, visitors click on the submit button after entering their information and that will be directed to a location you specify. These forms are used for order forms, mail subscriptions, contest registrations, databases, auto responders, user identifications and passwords as well as feedback.

**Question 2**

Dynamic HTML

* Used to create interactive and animated web sites. It allows one to incorporate a client-side scripting language, such as JavaScript, a presentation definition language, such as CSS, and the Document Object Model in HTML web pages. With DHTML, developers can animate text in their document, embed a ticker that automatically refreshes its content with the latest news, stock quotes, or other data; use a form to capture user input, and then process, verify and respond to that data without having to send data back to the server. Include rollover buttons or drop-down menus

XML

* It is used by designers to create their own customized tags. It also enables the definition, transmission, validation, and interpretation of data between applications and organizations. It is also widely used for the representation of arbitrary data structures, especially in web services.

**Question 3**

1. • An Object-Oriented View of Page Elements – Each page element (division or section, heading, paragraph, image, list, and so forth) is viewed as an "object”. Each heading on a page can be named, given attributes of text style and color, and addressed by name in a small program or "script" included on the page.

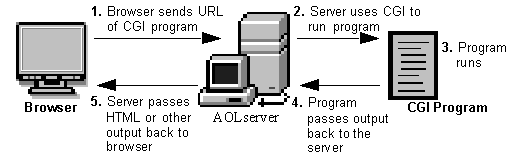
• Style Sheets and Layering – A describes the default style characteristics (including the page layout and font type style and size for text elements such as headings and body text) of a document or a portion of a document. For Web pages, a style sheet also describes the default background color or image, hypertext link colours, and possibly the content of page. Style sheets help ensure consistency across all or a group of pages in a document or a Web site.

1. • Elements - Elements are the main building blocks of XML documents. Examples of XML elements in pmiod.xsd are component or code. Elements can contain text, other elements, or be empty.

• Tags - Tags are used to markup elements.

• Attributes - Attributes provide extra information about elements and are placed inside the start tag of an element.

**Question 6**

1. 
2. ..

**SECTION B: SUMMATIVE ASSESSMENT**

**Question 1**

**Github link:**

**Netlify link:**

<html>

<head>

    <title>HTML Beginner Exercise by Princess Baloyi</title>

    <style>

        h1 {

            color: red;

        }

    </style>

</head>

<body>

    <h1> <b>This is what I already know:</b> </h1>

    <ul>

        <li><a href="https://www.codecademy.com/">Python</a></li>

        <li><a href="https://www.coursera.org/specializations/javaprogramming">Java</a></li>

        <li>Python</li>

        <li>Java</li>

    </ul>

    <img src="https://i.ytimg.com/vi/yrw16gSTgpc/maxresdefault.jpg" alt="A WEBPAGE" width="200" />

    <hr>

    <h1 style:> <i>This is what I'm still learning:</i> </h1>

    <ol>

        <li><a href="https://www.coursera.org/learn/html-css-javascript-for-web-developers">HTML</a></li>

        <li><a href="">CSS</a></li>

        <li><a href="">Javascript</a></li>

        <li>Javascript</li>

    </ol>

    <img src="https://i.ytimg.com/vi/yrw16gSTgpc/maxresdefault.jpg" />

    <hr>

    <p align=" center "> Things I do </p>

    <a href="mailto:lulamani.baloyi@gmail.com ">Email me.</a>

</body>

</html>

**Question 2**

**Github link:**

**Netlify link:**

**INDEX.HTML**

<!DOCTYPE html>

<html lang="en">

    <head>

        <meta charset="UTF-8">

        <title>INNOVATIVE</title>

        <style>

            body {

                background-color: red;

                margin-top: 0px;

                margin-right: 0px;

                }

        </style>

    </head>

    <body>

                <table width="100%" cellpadding="10px">

<tr>

<td><a href="gallery.html">GALLERY</a></td>

<td><a href="contact.html">CONTACT</a></td>

</tr>

</table>

    </body>

</html>

**GALLERY.HTML**

<!DOCTYPE html>

<html lang="en">

    <head>

        <meta charset="UTF-8">

        <title>INNOVATIVE</title>

        <style>

            body {

                background-color: black;

                }

        </style>

    </head>

    <body>

            <table width="100%" cellpadding="10px">

        <tr>

        <td><img src="pictures/webpage.png" alt="A WEBPAGE" width="200" /></td>

        <td><img src="pictures/webpage.png" alt="A WEBPAGE" width="200" /></td>

        </tr>

        </table>

    </body>

</html>

**CONTACT.HTML**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>INNOVATIVE</title>

    <style>

        body {

            background-color: black;

        }

        table,

        th,

        td {

            border: 1px solid white;

            border-collapse: collapse;

        }

        th,

        td {

            padding: 10px;

            font-family: Comic Sans;

            color: white;

            font-size: 24px;

            text-align: right;

        }

    </style>

</head>

<body>

    <table cellpadding="10">

        <tr>

            <b><th>Name</th></b>

            <b><td width="150"><input type="text" name="txt[]"/></td></b>

        </tr>

        <tr>

            <b><td>Feedback</td></b>

            <b><td width="150"><TEXTAREA  name="Feedback" rows=5 maxlength=40> </TEXTAREA>

            </td>

            </b>

        </tr>

        <tr>

            <b><td colspan="1"><INPUT type="button" value="Submit"  /></td></b>

            <b><td colspan="1"><INPUT type="button" value="Reset"  /></td></b>

        </tr>

    </table>

</body>

</html>

**Question 3**