A picture containing logo

Description automatically generated

Distance Learning Activity 4

ICTWEB441 Produce basic client-side script

ICTWEB518 Build a document using extensible markup language

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# 1. Instructions to Learners

## Purpose of this distance learning activity

This distance learning activity allows the learners to practice the lessons from week 1 by creating short XML documents and JavaScript codes.

## What you are required to do

For this distance learning activity, you are required to:

* create short, well-formed, and valid XML documents
* create short dynamic pages with JavaScript

## Resources

* Please refer to the learner guides.

## How to submit your Distance Learning Activity

**File naming convention**

When submitting your Distance Learning Activity, use the following naming convention

* Unit of Competency code (i.e., ICTWEB441\_518)
* ‘DLA’ followed by the week number (ie., 5)
* Your first name and initial of last name. Capitalise only the first letter of names. Then insert a dash, followed by submission attempt.

Hence as an example of incorporating the three points above your file name or subject line should appear this way: *ICTWEB441\_5187DLA 1 – JessieA #1*

Create a website project folder called using the naming convention specified above. This folder will be used to store the following

* This distance learning activity
* Other website project folder as required by the questions below

Once completed, compress the website project folder in zip format and then submit. Always submit your distance learning activity on time by the due date. Your completed distance learning activity must be uploaded onto Moodle by 11.55pm on Sunday of the current week.  
2. Question  
  
Answer the questions below using the space provided:

* Answer all parts of each question
* Follow further instructions below
* You may use various sources of information to inform your answers, including your resources provided by ACBI, books, and online sources. You must acknowledge and cite your sources.

Create a webpage that contains a Bootstrap accordion. Each accordion item should contain a term as seen below. The accordion body should contain the description of the corresponding term. All terms and description should come from xml document. The student should provide the correct description.

|  |  |
| --- | --- |
| **Term** | **Description** |
| Events |  |
| Event handlers |  |
| Internet protocols |  |
| Hypertext markup language (HTML) |  |

**Bootstrap accordion link:**

https://getbootstrap.com/docs/5.0/components/accordion/