

Web Programming 2

Web Programming 2 (WEPR2)	
Assignment Number	1
Assignment Name	Formative Assessment
NQF Level	5
Credits	12
Due Date	
Marks	<p>Total marks = 300</p> <p>Formative assessments through the semester contribute towards the student's module mark and are used to assess progress and identify areas for improvement. This formative assessment will contribute 25% towards final mark. Take note of the following with regards to late submissions:</p> <ul style="list-style-type: none">a. One (1) day late (-5%)b. Two (2) days late (-10%)c. Three (3) days late (-15%)
Individual / Group Assignment	Individual
Lecturer Information	
Lecturer	
Lecturer E-mail	

Learning Objective:

Formative assessment 1 will cover the following concepts:

- a. HTML, CSS and JavaScript

Attributes/Competencies Assessed:

The learner should demonstrate the following knowledge in this assessment:

- a. Unit standard(s)
 - a. 115369 - Design and build a web-site using simple HTML
 - b. 115366 - Create graphic elements for a multimedia/web-based computer application
 - c. 115372 - Demonstrate an understanding of tools and products available for web-site development
 - d. 115368 - Apply advanced HTML and associated techniques to build a web site for business applications
 - e. 115373 - Demonstrate an understanding of sort and search techniques used in computer programming
 - f. 115384 - Test a computer program against a given specification

Scope:

The scope of this formative assessment is based on a solid knowledge to apply basic guidelines for the web-page design and use core HTML to build the web-page. Create a graphic components for a multimedia/web-based computer application, implement a style of graphic components for a multimedia/web-based computer application and create graphic elements for a multimedia/web-based computer application.

Technical Aspects:

The number of pages for this formative assessment is **14** and the following font and size should be used in your report:

- a. Font: Arial
- b. Size: 12 and 14 for headings
- c. Font colour: Black

Save and upload the report as a .PDF (**No backgrounds**) with the following naming convention:

- a. Student no_StudentName_StudentSurname_ModuleCode_FA1 (**No ZIP folder uploads**)
- b. **Ensure screenshots are taken of your code and GUI to demonstrate that code used is working (Do not upload the code itself).**

Ensure adequate referencing is used when using information from either books or internet. Plagiarism is a serious offence and can result in 0% for the assessment when excessive work is copied without proper referencing.

Please complete the following and sign as requested for Portfolio of Evidence (POE)

- a. Pre-Assessment agreement (Save, sign and submit as PDF)
- b. Assessment Feedback Agreement (Save, sign and submit as PDF)

Mark allocation for report

See Mark allocation sheet below

Question 1

(150)

<i>Unit standard</i>	<i>Description</i>
115369	<i>Design and build a web-site using simple HTML</i>
115366	<i>Create graphic elements for a multimedia/web-based computer application</i>
115372	<i>Demonstrate an understanding of tools and products available for web-site development</i>
115368	<i>Apply advanced HTML and associated techniques to build a web site for business applications</i>

Use the content marked "Resources" associated with this assessment.

Only notepad may be used for this question. Follow the instructions as follow:

- a. The image marked "Main_Logo" must be resized as follow:
 - a. 500 X 250 pixels
- b. The rest of the images must be resized as follow:
 - a. Ferrari_Thumbnail = 120 X 110 pixels
 - b. Lamborhini_Thumbnail = 120 X 120 pixels
 - c. McLaren_Thumbnail = 120 X 60 pixels
 - d. Pagani_Thumbnail = 120 X 120 pixels
 - e. Porche_Thumbnail = 120 X 120 pixels
- c. Open a new page with the appropriate required tags needed in a basic html page.
- d. Save this page as "WP_2_FA1_question1"
- e. Change the title of this page to: FORMATIVE ASSESSMENT 1.
- f. You may use any background colour, font colour, font-sizes etc. Ensure these are all done in a .css document.
- g. Create the layout as indicated in "Sample layout" provided in associated content under 'Resources'.
- h. Ensure that when a user clicks on one of the vehicle thumbnails on the right of your website a new web form opens with the history of that vehicle. The logos and information can be found under 'Resources/Vehicle' supplied.
- i. Ensure navigation is done for your various web pages (Forward and backward navigation)

Question 2

(150)

<i>Unit standard</i>	<i>Specific outcome</i>	<i>Assessment criteria</i>
115373	1	1
	1	2
	2	1
	2	2
	2	3
	3	1
	3	2
	3	3
115384	1	1
	1	2
	1	3
	1	4
	2	1
	2	2
	2	3
	2	4
	3	1
	3	2

Create a simple blog application that allows users to view a list of blog posts, read individual blog posts, and add new posts. We'll utilize AngularJS for the dynamic aspects and Bootstrap for the styling.

Application Description: Simple Blog

- a. **Scaffolding:**
Set up the basic structure of the AngularJS application with necessary files and folders.
- b. **Views:**
Create a main view that lists the blog posts, a detail view that displays a single blog post, and a form view for adding new posts.
- c. **Routing:**
Set up routing to navigate between the main view, detail view, and form view.
- d. **Bootstrap Styling:**
Apply Bootstrap classes to style the application and make it visually appealing.
- e. **Data Management:**
Use AngularJS to manage blog post data, including fetching, displaying, and adding posts.
- f. **CRUD Operations:**
Implement Create, Read, Update, and Delete operations for blog posts.
- g. **AngularStrap Modals:**
Use AngularStrap modals for displaying detailed blog post content when a post is clicked.

Mark allocation for student			
Section	Sub-section	Maximum Mark	Learner mark
Body of the report	Question 1a Main logo size changes	10	
	Question 1b Other images sizes changed	25	
	Question 1c New page created correctly	10	
	Question 1d Page title changed	5	
	Question 1e Back colour appropriate in CSS Font sizes appropriate in CSS	10	
	Question 1f Layout create according to sample layout	30	
	Question 1g Thumbnails activation correct	20	
	Separate pages created for each vehicle	20	
	Navigation between pages	20	
	Question 2a Scaffolding used in solution	20	
	Question 2b Main view created	20	
	Question 2c	20	

	All aspects of routing used in solution		
	Question 2d Bootstrap styling used	15	
	Question 2e Data management applied	20	
	Question 2f All aspects of CRUD used in solution	40	
	Question 2g AngularStrap modals used	15	
Deductions	1 day late	-5	
	2 days late	-10	
	3 days late	-15	
Total:		300	

PRE-ASSESSMENT AGREEMENT

Assessment Preparation: Preparing the Candidate

Student name and surname		Date	
		Time	
Assessor name and surname		Venue	
How to prepare the candidate	Document Requirements	Agree (tick)	Action Required
Explain to the candidate why you are meeting and the purpose of the assessment.	Assessment Policy Assessment process		
Discuss the assessment plan in detail.	Assessment strategy		
Explain assessment process, show assessment instruments to candidate and describe assessment conditions.	Assessment instruments		
Identify the role-players during assessment.	Assessors Moderator		
Describe the evidence required to be declared competent.	Examples of evidence		
Explain how evidence will be judged.	Mark allocation explained		
Explain to the candidate how to prepare: Give candidate assessment task description.	Assessment task description		
Confirm with the candidate what he/she should bring to the assessment.	Detailed briefing on exact requirements to be given to candidate in writing		
Ensure that candidate understands the procedures of all assessment practices.	Appeals Policy Appeals procedure Assessment Policy Assessment Procedure Moderation Policy Moderation procedure Verification Policy Verification Procedure		

Ask the candidate if he/she foresees any problems or identify any special needs.	List needs		
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Agreed Assessment Plan			
Student name and surname:			
Assessor name and surname:			
Module name:		Web Programming 2	
Unit Standard/s:		US 115369 US 115366 US 115372 US 115368 US115373 US115384	
Type of Assessment i.e. Formative assignment, Formative test, Formative Practical, Summative etc.		Formative Assessment 1	
Special Assessment Requirements:		N/A	
Event	Date, time and location	Resources required	Evidence to be generated
Assessments due date		Assessments	Completed documentation
Complete activity on MyAIE and upload to MyAIE			Completed Portfolio of Evidence
Submit Portfolio of Evidence			

Assessor Roles and Responsibility	
Roles	Assessor Guide Feedback Agent Reviewer
Responsibilities	Consult candidate re-assessment, assessment process and plan. Agree assessment process and plan with candidate. Forward documentation to candidate: plan, guide and assessment instruments.

	<p>Assess candidate with the use of different instruments.</p> <p>Provide feedback on assessment findings.</p> <p>Support candidate through assessment process.</p> <p>Source feedback from candidate on assessment process.</p> <p>Review assessment process and outcome.</p> <p>Use assessment process as opportunity to transform assessment activities and outcomes.</p>
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Candidate Roles and Responsibility	
Roles	<ul style="list-style-type: none"> • Leaner • Feedback agent • Reviewer
Responsibilities	<ul style="list-style-type: none"> • Be available for assessment. • Be actively involved in the consultative process. • Learn from the assessment process. • Provide feedback to the assessor in terms of the assessment as learning activity. • Provide feedback to the assessor on the efficacy of the assessment process. • Review own role and assessor role in the assessment process.
Assessment Instruments	<ul style="list-style-type: none"> • Portfolio of Evidence • Questionnaire • Report • Presentation • Reflexive questions • Work sample • Practical's • Group Activity • Research activities

Assessment Process	
<ul style="list-style-type: none"> • Evaluation of POE addressing Essential Embedded Knowledge in unit standards. • Evaluation of Research Projects and other evidence addressing specific unit standards. • Consultation: assessment plan and assessment activities and instruments. Pre-assessment moderation and interviews conducted at this stage. • Observation: feedback on assessment against specific outcomes, critical outcomes in unit standards. 	

<ul style="list-style-type: none"> Feedback: to candidate regarding sufficiency of evidence and possible interview to gain supplementary evidence. Feedback to candidate regarding assessment findings as well as review process. 	
Feedback	Written feedback to be given to all stakeholders at the end of the assessment process, as well as verbal feedback to the candidate during assessment activities.
Recording Process	Process and findings to be recorded and submitted for record keeping purposes as well as moderation and verification.
Review Process	The review process is the responsibility of the assessor and the candidate. Joint reviewing will take place after feedback has been given to the candidate.
Right to appeal	The candidate must be advised of the right to appeal.
Resources Required	Assignments <ul style="list-style-type: none"> POE Assessments Guides
I confirm that: <ul style="list-style-type: none"> I have been consulted on and have agreed to the training and assessment process as detailed in the assessment guide. I have been advised of my right to appeal against any assessment that is unfair, unreliable, invalid or impracticable. I have read and understood the appeal procedure. I know that assessments may be moderated or verified by an external party. The purpose of the assessment has been clearly explained to me. The criteria have been discussed with me, and I know I will be assessed against these criteria. I know when and where I will be assessed, and I was given fair notice. I know how the assessment will be done, and any other requirements related to the assessment. 	

Signed: _____

Date: _____

Overall Assessment Decision	Competent		Not yet competent	
Student's Signature			Date:	
Assessor's Signature			Date:	
Moderator's Signature			Date:	

ASSESSMENT FEEDBACK AGREEMENT

Assessment feedback: Feedback to learner

Qualification Name:	
Qualification SAQA Number:	48872
Subject Name:	Web Programming 2
Subject Code:	WEPR2
Assessment Name:	Formative Assessment 1
Assessment Code:	WEPR2_FA1
Assessment Type:	Fomative

Feedback report	1st Attempt		2nd Attempt	
	C	NYC	C	NYC
Unit standard Number(s)				
US115369				
US15366				
US115372				
US15368				
US115373				

SO1, AC1				
SO1, AC2				
SO2, AC1				
SO2, AC2				
SO2, AC3				
SO3, AC1				
SO3, AC2				
SO3, AC3				
SO3, AC4				
US115384				
SO1, AC1				
SO1, AC2				
SO1, AC3				
SO1, AC4				
SO2, AC1				
SO2, AC2				
SO2, AC3				
SO2, AC4				
SO3, AC1				
SO3, AC2				

General feedback to learner (Attempt 1)
Supply comprehensive feedback why learner is found NYC

Learner Number:			
Learner name and surname:		Date:	
Learner Signature:			
Lecturer name and surname:		Date:	
Lecturer Signature:			
Assessor name and surname:		Date:	
Assessor Signature:			
Moderator name and surname:		Date:	
Moderator Signature:			

Note to learner
<p>Review the feedback provided by your lecturer to check that you have been found competent in this assessment. If there are any areas where you have been found not yet competent, you must redo those parts of the assessment and resubmit within the stipulated time frame.</p> <p>The section below will only be completed in cases where the learner was asked to</p>

resubmit parts of the assessment where they were found not yet competent.

General feedback to learner (Attempt 2)

Supply comprehensive feedback why learner is found NYC

Learner Number:			
Learner name and surname:		Date:	
Learner Signature:			
Lecturer name and surname:		Date:	
Lecturer Signature:			
Assessor name and surname:		Date:	
Assessor Signature:			
Moderator name and surname:		Date:	
Moderator Signature:			