



**Tshwane University
of Technology**

We empower people

Student Number

Surname & Initials

PC Number

YEAR: 2023
SEMESTER: 1
ASSESSMENT: Sick Test

| | |
|--------------------------|-------------------------------------|
| SUBJECT NAME: | WEB COMPUTING |
| SUBJECT CODE: | WEBF15D |
| QUALIFICATION(S): | DPMC20: DIP IN MULTIMEDIA COMPUTING |

PAPER DESCRIPTION: Computer Based **DURATION:** 3 HOURS **PAPER:** Only

SPECIAL REQUIREMENTS

- ☐ NONE
- ☐ NON-PROGRAMMABLE POCKET CALCULATOR
- ☐ SCIENTIFIC CALCULATOR
- ☐ COMPUTER ANSWER SHEET
- ☐ GRAPH PAPER
- ☐ DRAWING INSTRUMENTS

OTHER:

INSTRUCTIONS TO CANDIDATES: ANSWER ALL QUESTIONS

CREATE A FOLDER NAMED **xxxxxx**, WHERE **xxxxxx** IS YOUR STUDENT NUMBER. DOWNLOAD AND UNZIP THE FOLDER NAMED **SiSwatiTutor**. COPY THE CONTENT TO THE FOLDER **xxxxxx** YOU JUST CREATED. ALL YOUR FILES CREATED FOR THIS TEST MUST BE SAVED IN THE SAME FOLDER. WHEN YOU ARE DONE, RIGHT-CLICK YOUR **xxxxxx** FOLDER, THEN SELECT "Send to Compressed(zipped) folder", THEN SUBMIT THE ZIPPED FOLDER ON BRIGHSPACE.

TOTAL NUMBER OF PAGES INCLUDING COVER PAGE: 05

EXAMINER: Mr. VS MSIMANGO

FULL MARKS: 60

MODERATOR: Mr. T NETSHISUMBEWA

TOTAL MARKS: 0

STUDENT TOTAL: ____

STUDENT %: ____

SiSwati Language Tutoring (SLT) is an academy specializing in teaching the basic survival level of SiSwati language you need. SLT lessons materials can be used both as a self-guided course or with the assistance of a qualified tutor.

The management of SLT has hired you to develop website for their business. They need a website that will allow customers to view the services they are offering, view prices and be able to create accounts online. They have created a static home page using HTML just to enable their business presence on the Internet. Follow the instructions on the table below for the steps to complete the task:

| Steps | Description | Pts | Your score |
|-------|---|-----|------------|
| 1 | Open an html document named <i>slt_home.html</i> on your editor and add “SiSwati Language Tutoring” as the title of the page. Inside the body element, add header with stl logo, se the file named <i>stl_logo.png</i> for the image file source. | 4 | |
| 2 | Add navigation links for: Home, Our Tutors, Pricing, Testimonials, Your Account, and Chat Online as shown on Figure1.1 . Set the navigation element’s class to “horizontal” | 4 | |
| 3 | For each comment add an image using files <i>sp_student1.png</i> to <i>sp_student6.png</i> . | 2 | |
| 4 | Add a footer with a copyright symbol as shown on Figure1.1 . | 2 | |
| 5 | <ol style="list-style-type: none"> 1. Open a css file named <i>slt_base.css</i>, to design the page layout for <i>cslt_home.html</i> page. Write css style rule to display the following elements as a block: <ul style="list-style-type: none"> • header. • footer. • nav. 2. Save and link this file to <i>stl_home.html</i> | 3 | |
| 6 | <ol style="list-style-type: none"> 1. Open a css file named <i>slt_layout.css</i> in your editor and add the following style rules underneath <i>the /* Window and Body Styles*/</i> section to set: <ul style="list-style-type: none"> • min-height to 100% • margin-left to auto • margin-right to auto • max-width to 960px • min-width to 640px | 13 | |

| | | | |
|---|--|-----------|--|
| | <ul style="list-style-type: none"> • Width to 95% <ol style="list-style-type: none"> 2. Style the <code>img</code> element in the header by adding the following style rules underneath the <code>/* Page Header Styles */</code> section to set: <ul style="list-style-type: none"> • <code>display</code> to block. • <code>float</code> to left. • <code>width</code> to 100%. 3. Style the <code>li</code> element in the <code>nav</code> element with class named: horizontal by adding the following style rules underneath the <code>/* Horizontal Navigation List Styles */</code> section to set: <ul style="list-style-type: none"> • <code>display</code> to block. • <code>float</code> to left. • <code>width</code> to 16.6%. 4. Save and link the file with <code>slt_home.html</code>. | | |
| 7 | <ol style="list-style-type: none"> 1. Open a css file named <code>slt_styles.css</code> in your editor. Add a css style rule underneath <code>/* Window and Body Styles */</code> section: <ul style="list-style-type: none"> • Use <code>rgb(230, 182, 144)</code>, to set the html background color. • Use <code>rgb(250, 238, 218)</code> to set the body background color. • Use Verdana, Geneva, Arial, sans-serif to set the font style of the body element. 2. Underneath the <code>/* Footer Styles */</code> section write a style rule to set: <ul style="list-style-type: none"> • Color to <code>rgb(186, 186, 156)</code>. • Background color to <code>rgb(44, 91, 169)</code>. • Font size to 0.9em. • Padding to 10px 0px. • Text alignment to center. 3. Save and link the file with <code>slt_home.html</code>. | 9 | |
| | Total | 37 | |

Fig 1.1



NB: SEE THE COVER PAGE FOR SUBMISSION INSTRUCTIONS!!

Bob's Auto Parts is a spare part company, that wants to know whether the customers are satisfied with the service they receive from the company. Right now, Bob's web designer has gotten as far as setting up a design for online feedback form to capture customers' experience. Bob has hired you to implement the application using JavaScript.

FIG 1.

| Steps | Description | Points | Your score |
|--------------|--|-----------|------------|
| 1. | Create an html file named <i>feedbackForm.html</i> as shown Figure 1 above. The drop-down menu contains the following options: Excellent, Good, Okay and Bad . | 5 | |
| 2. | Create a JavaScript file named <i>feedbackScript.js</i> and link it with the html file analyzed in step 1. | 2 | |
| 3. | Create a JavaScript function named <i>processFeedback()</i> . In this function access the HTML elements, collect the data entered by the user in the form, store the data in a variable named <i>output</i> and display(print out) the data stored in the <i>output</i> string. | 14 | |
| 4. | Invoke the function <i>processFeedback()</i> using the button's onclick event. See the sample output on Figure 2 below. | 2 | |
| Total | | 23 | |

FIG 2

Title: Mr.
 Name: Jack Houton
 Email Address: houtonJ@ananzi.co.za
 Rate: Good
 Comments: The service we recieve was fantastic, we recommend you to our friends.