

**UTM**
UNIVERSITI TEKNOLOGI MALAYSIA**SCHOOL OF COMPUTING**
Faculty of Engineering**UNIVERSITI TEKNOLOGI MALAYSIA**
MID TERM TEST SEMESTER I, 2019/2020

SUBJECT CODE	:	SCSV1223
SUBJECT NAME	:	WEB PROGRAMMING
SECTION	:	09
TIME	:	9:00 PM
DURATION	:	1 HOUR 45 MINUTES
DATE/DAY	:	APRIL 28, 2020
VENUE	:	TAKE HOME TEST (ONLINE SUBMISSION)

INSTRUCTIONS :

- The test consists of 3 (THREE) questions. **Answer all questions.**
- This is an **OPEN-BOOK** and **OPEN-NOTE** test. You may refer to any offline resources, printed or digital copies. However you **cannot share** them with others.
- Any **discussion** by any mean such as verbal, online, etc. **is strictly prohibited.**
- Your answers must be **type-coded**. You cannot use any automatic HTML generator.
- You must use **NATIVE** (or pure) HTML and CSS in your code.
- You may use **any text editor** or IDE of your choice.
- You must **remain seated** until the test ends regardless you finish early.
- You **must not** take any test materials out from the examination room by any means.
- You are required to download the materials for the test before you get started.
- The submission procedure is described at the end of this script.

This question paper consists of FOUR (4) printed pages excluding this page.

QUESTION 1

[35 Marks]

Using only HTML (i.e. no CSS at all), create an HTML file that produces the page shown in Figure 1. The page does not need to be functioning. Detailed specifications and the assessment are shown in Table 1.

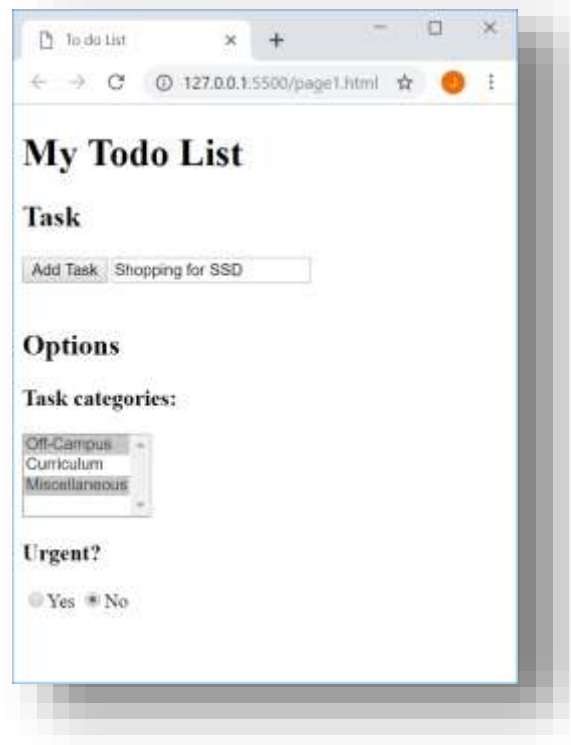


Figure 1: Expected output when the page is opened in a browser.

Notes: Expected output is also given in the file **output/question1.jpg**.

Table 1: Specifications for the page and the assesement.

Item	Specification	Default Value	Assesement
Title Texts such as “My Todo List”, “Task”, “Urgent?” etc.	Use proper headings for all the title texts.		5 marks
“Add Task”	Input box to enter task title and a button. The button does not need to be functioning.	Any text for the input box	8 marks
Task categories	The user can choose multiple categories.	“Off-Campus” and “Miscellaneous”	12 marks
Urgent?	The user can only choose either one (Yes or No)	No	10 marks

QUESTION 2

[35 Marks]

Given an HTML file named **page2.html**. Create a CSS file named **page2.css** to style the page. You **are not allowed** to modify the HTML file at all. You only want to work on the CSS file. Figure 2(a) shows the original look of the page, while Figure 2(b) shows the expected look after applying the styles. The style specifications and the assessment are given in Table 2.

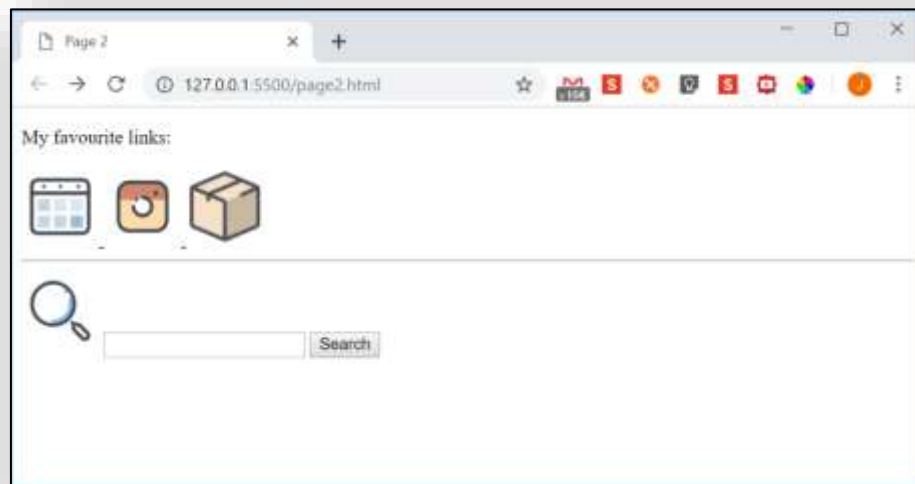


Figure 2(a): Original page (before applying the styles)



Figure 2(b): Expected output

Notes: Refer to the video file provided for detailed look of the expected page.

Table 2: Specifications to style the page and the assesement.

Item	Specification	Assessment
Images	Set all images with the same size. Use any appropriate size such with the height of 150 pixels.	5 marks
The container (A)	Set the dimension of the container with any appropriate size.	10 marks
	Align the container so that it sits in the middle of the browser horizontally.	
	Put borders to the container.	
	Let the content of the container aligned in the center horizontally.	
Hyperlink Images (B)	Set all the images within this section such that when the mouse pointer hovers on them, red borders will be visible. The border style must affect the entire image. (See the video for details).	10 marks
	If you look closely, there are weird content between the images, the dashes . This is due to the default style of hyperlinks. Get rid of these dashes.	
Search section (C)	Set this section such that the input box and search button are aligned to the middle of the magnifier image vertically.	10 marks
	Set the font size of the input box and the search button to be 1.5 times larger.	
	Set the text color of the search button to red.	

QUESTION 3

[30 Marks]

Create an HTML file to produce a layout consisting of three sections, **Main**, **Side** and **Footer**, as shown in Figure 3. You can use **any layout** approach **except table**. You are required to code both the HTML and CSS. Use any appropriate dimensions for the layout. In order to visualize the layout, set each section with different background color, such as blue, red and green, respectively.

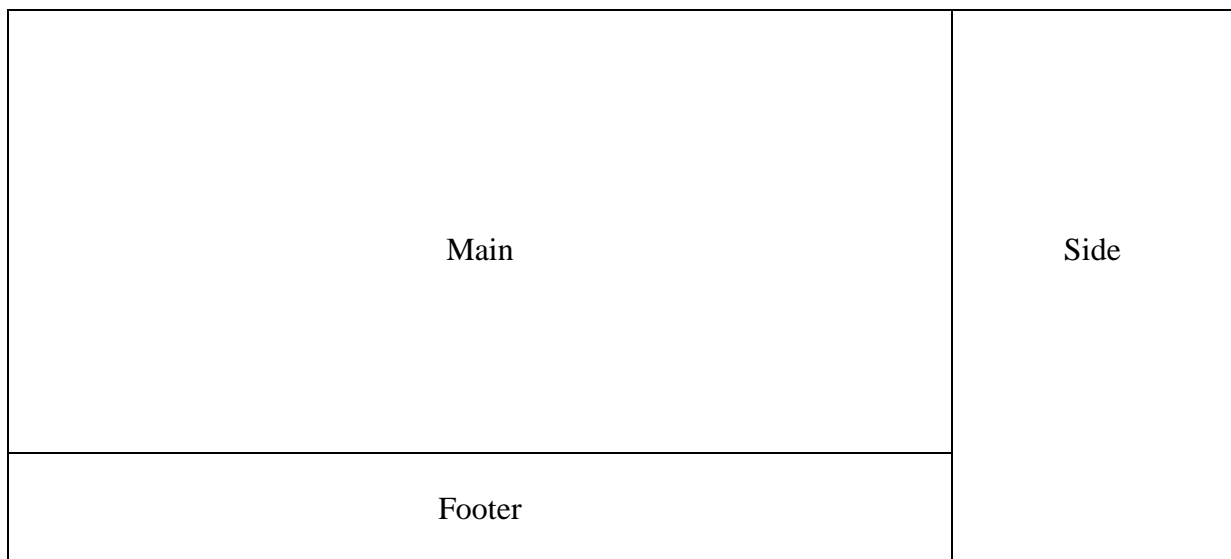


Figure 3: Expected layout.

Notes: The section names and borders in Figure 3 are only for descriptive purposes. You do not have to put them on your page. Set only the background color.

SUBMISSIONS

1. When the time is up, you must stop doing the test and stay away from your computer.
2. Compress all your files that you have created (html and css) in a zip file. Image files are not required.
3. Submit your file online such as to elearning.