



School of Computing,  
Electrical & Applied  
Technology

## HTML5 Test Semester 1, 2024

### ISCG6420 IWD Part 3

<b>Date:</b>	Wednesday, 15 May 2024
<b>Commencement Time:</b>	7:50 PM
<b>Time Allowed:</b>	40 min
<b>Marks:</b>	33

#### Instructions:

1. This is semi-open book test. IWD demo website is closed.
2. There are 3 tasks in this test. Each task is 40 min, you need to upload each task after 40 min. Submission will be allowed for 10 min only. You should complete all the tasks. You should attempt all the requirements.
3. Code abstraction **is** allowed. You may create additional functions and data structures to assist with your tasks.
4. Please keep each test part in the corresponding folder, for example Part\_3. Please save all files during the test frequently. In the end of each 40 minutes, re-name your folder with your name (example: Part\_3\_Joe\_Bloggs), Zip this folder and submit.

## Task 3 Dynamically creating elements

33 MARKS

### Instructions

1. Use the provided file named `display_marks.html` with a defined internal style and script. Inside the script tag block, write a function named ***display\_inputs*** that will dynamically populate the provided table element with five table cells. Each dynamically created table cell should contain a radio button and corresponding label that displays the cell number (EG: cell one label should be “1”). Create a “click” event listener for the provided button element that runs the ***display\_inputs*** function. Please refer to the image below.

(18 marks)

Before button click

### Select Mark

Display Marks

After button click

### Select Mark

Display Marks

1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>
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2. Create a “change” event listener for each radio button that updates the web page to display a message identifying which radio button was selected. The message should use the following format: “You selected X” where X is the number that corresponds with the selected radio button.

(15 marks)

Example

### Select Mark

Display Marks

1 <input type="radio"/>	2 <input checked="" type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>
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**You selected 2**