

Coursework 1 Lab Exercises 2

Instruction

- You are to complete and submit exercise 5.2 from Chapter 5: JavaScript and HTML Documents [Lab Exercises].
- You must name your file js_5_2.html (in all lower case).
- For checkboxes, your event handler must be assigned through HTML attribute.
- For button, your event handler must be assigned through object property.
- Please ignore this statement: "This handler must return false (to avoid actual submission of the form data)" in the instruction as there is no easy way for your peers to test it.

Required Component for the Submission

- Part 1: a zip file i.e. your Part 1 must be a zip file of your js_5_2.html file.

Expected output

Exercise 5.2

Select fruit(s):

☐ Apple (59 cents each).

☐ Orange (49 cents each).

☐ Banana (39 cents each).

To make it easy for your peer markers, the following 8 additional alerts must be included as a part of your expected output.

When only **one of the fruits** is selected, the alert must display the cost of the selected fruit.

<div>You have selected: Apple 59 cents ----- Total: 59 cents</div>	<div>You have selected: Orange 49 cents ----- Total: 49 cents</div>
<div>Alert #1</div> <div>Close</div>	<div>Alert #2</div> <div>Close</div>
<div>You have selected: Banana 39 cents ----- Total: 39 cents</div>	
<div>Alert #3</div> <div>Close</div>	

When **multiple fruits** are selected, the alert must display the cost of each selected fruit and the summation of the costs of all selected fruits.

```
You have selected:
Apple   59 cents
Orange  49 cents
-----
Total:  108 cents
```

[Close](#)

Alert #4

```
You have selected:
Apple   59 cents
Banana  39 cents
-----
Total:  98 cents
```

[Close](#)

Alert #5

```
You have selected:
Orange  49 cents
Banana  39 cents
-----
Total:   88 cents
```

[Close](#)

Alert #6

```
You have selected:
Apple   59 cents
Orange  49 cents
Banana  39 cents
-----
Total:  147 cents
```

[Close](#)

Alert #7

When no fruits are selected, the alert must display the following message.

```
You have not selected any fruits
```

[Close](#)

Alert #8

These alerts should appear on click. To help you understand this, please consider the following scenario. After the page is loaded, if the user clicks Apple, Alert #1 should appear. Following closing Alert #1, if the user then clicks Orange, Alert #4 should appear. Following closing Alert #4, if the user then clicks Apple, Alert #2 should appear. Following closing Alert #2, if the user then clicks Orange, Alert #8 should appear.

Marking Criteria

	0	1	2	3	4
How close is the submission to the expected output?	Incomplete Submission	> 0 and <= 25%	> 25% and <= 50%	> 50% and <= 75%	> 75%
How well is the code indentation?	Incomplete Submission	> 0 and <= 25%	> 25% and <= 50%	> 50% and <= 75%	> 75%
Hidden Criterion #1	Incomplete Submission	> 0 and <= 25%	> 25% and <= 50%	> 50% and <= 75%	> 75%
Hidden Criterion #2	Incomplete Submission	> 0 and <= 25%	> 25% and <= 50%	> 50% and <= 75%	> 75%
Hidden Criterion #3	Incomplete Submission	> 0 and <= 25%	> 25% and <= 50%	> 50% and <= 75%	> 75%

Hidden Criterion #4	Incomplete Submission	> 0 and <= 25%	> 25% and <= 50%	> 50% and <= 75%	> 75%
Hidden Criterion #5	Incomplete Submission	> 0 and <= 25%	> 25% and <= 50%	> 50% and <= 75%	> 75%

Marking Note

- An “Incomplete Submission” refers to any issues that stop the peer marker from assessing the work e.g. empty zip file, submitting a `rar` file instead of a `zip` file.
- A score between 1-4 is given according to the percentages of correctness, e.g. for the first marking criteria, give 1 if the work is only 25% similar to the expected output shown above.
- Do not reduce mark for inefficiency, or incorrect use of the language features (unless specified on the instruction sheet or on Moodle’s forum). Subjective opinions are to be provided in the feedback not the marking.

Deadlines (China Time)

- Code submission (Open): Monday 13th April 2020 15:00
- Code submission (Close): Monday 13th April 2020 18:00
- Peer feedback (Open): Monday 13th April 2020 18:00
- Peer feedback (Close): Sunday 19th April 2020 23:30