

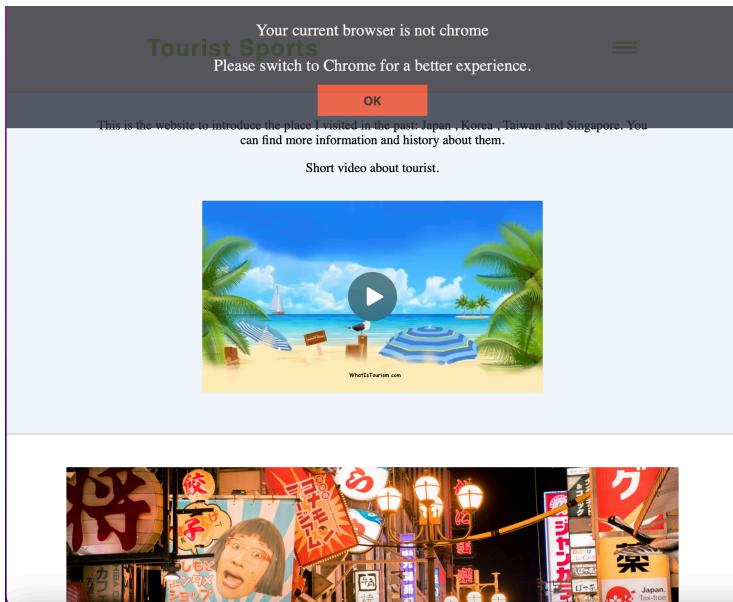
# COMP1021 Introduction to Web Technologies

## Coursework 2

By Chi Fung Hillman Chan

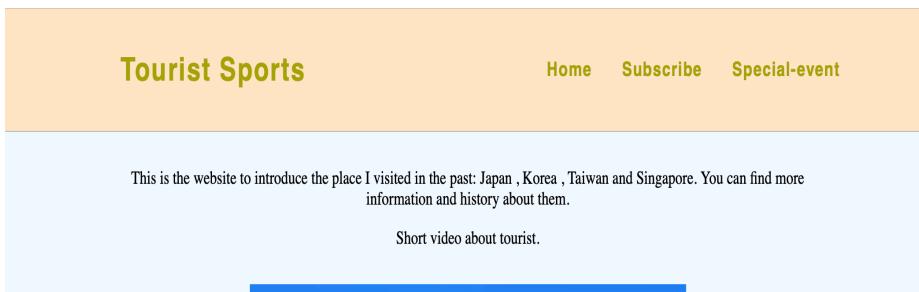
### Intended additional feature

#### 1. browser detection



The browser detection will activate when your current browser is not using Chrome. It will pop up a notification to remind you to switch your browser to Chrome for a better experience. After you click the button “OK”, the message will disappear.

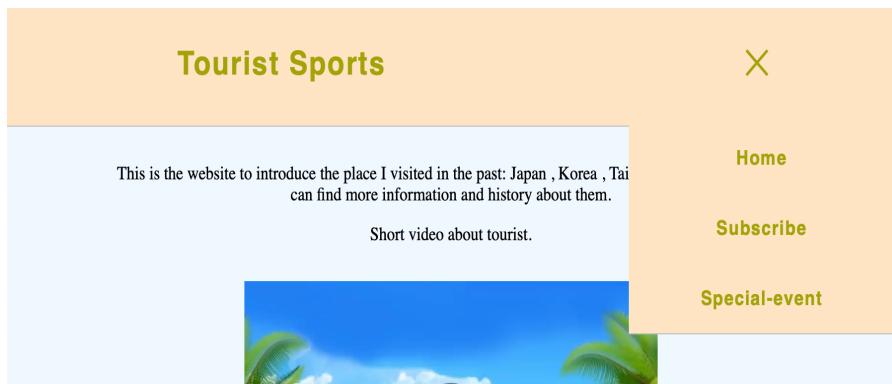
#### 2. Navigation bar



when the width of the screen size is smaller than 950px, the navigation bar will turn to a navigation button toggler with three lines as below. By using JavaScript, we can toggle the button to active and deactivate.



when user press the button, the navigation bar will fade and wipe out from the left side with 0.5 second delay by using CSS style ‘transition’. The toggler will become an ‘X’ symbol after opening the navigation bar as below.



### 3. email format checking, button disable, selection pop up

The form is titled "Subscribe Us !". It includes a text input for "Name" containing "sdad", a dropdown menu set to "Others", and a text input for "Tell us your favourite country". A red error message "Please Enter Valid Email Address !" is displayed above the email input field, which is currently empty. A green "submit and back to home page" button is at the bottom.

**Subscribe Us !**

Tell us your email for the most updated information!

[Subscribe next time](#)

Name

sdad

Please Enter Valid Email Address !

Others

Tell us your favourite country

submit and back to home page

Another additional feature is about the email format checking. When the user has input a wrong format email such as missing '@' symbol or missing a '.' symbol, the error message will pop out for a warning. Other than that, when the input email format is incorrect, the button opacity will become lower to remind user that you cannot submit this form. Also, the button is disabled.

Moreover, there is a selection bar under the email text area. When user selected 'Others', a text area will appear for your further information.

#### 4. Geolocation

##### Special-event

[Back To Home Page](#)

**This tourist website is available now!! To celebrate this, we have made a special event for all visitors.**

To encourage Computer Science students in Leeds, everytime you click the donate button, we will donate £1 to support them.

Besides, we have a special event about your current location. If your current latitude is in between 53 and 54 and your longitude is a negative number. You will donate an extra £20 to students once.

Click button to see the current donation

Click this button to check your current location!

[Check Location](#)

Click here to donate!

[Donation](#)

This is a page for a donation event. In this page, I have made a geolocation function in html to check the current location latitude and longitude. If the latitude and longitude is in specific range, the donation will increase £20.

The result shown as below.

Your location latitude is 53.741722245321114 and longitude is  
-1.5995366426584592

Congratulation! Your location is in range!!

[Check Location](#)

## 5. Local Storage

### Special-event

[Back To Home Page](#)

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[Donation](#)

In this html work, I have added 3 local storage places.

1. Detect Browser: If you opened the html once and selected “OK” after popping the message, the ‘checkedlocation’ variable will turn ‘true’ and never pop up again.
2. Click Count: every time user clicks the button ‘donation’ inside the green area, the donation amount will increase 1 and save in local storage. Even when you close the html or reload, the count will keep counting and increasing.
3. Notification Display: each user can only check location once. After successfully checked the location, you cannot use that function again.

The testing for the local storage is as below using ‘inspect’ in google application and see if the value turns correctly.

Key	Value
checkedlocation	true
clickcount	1
notificationDisplayed	true

## Evaluation

For the toggler button, it will be tidier when reducing the screen size.

For the browser check, it has been mentioned in coursework 1 feedback, so I added in.

The decision of choosing Google Chrome to be the default suggest browser because when you use the <a> tag links to different ID paragraph with CSS styling ‘scroll-behaviour:

'smooth', Google Chrome will have a smooth scrolling but not in another browser. That's the reason of suggesting Google Chrome to be the main browser for a better user experience.

## About Japan

- History
- Place highly recommend to visit
- Culture
- [BackToMainPage](#)

## Japan History

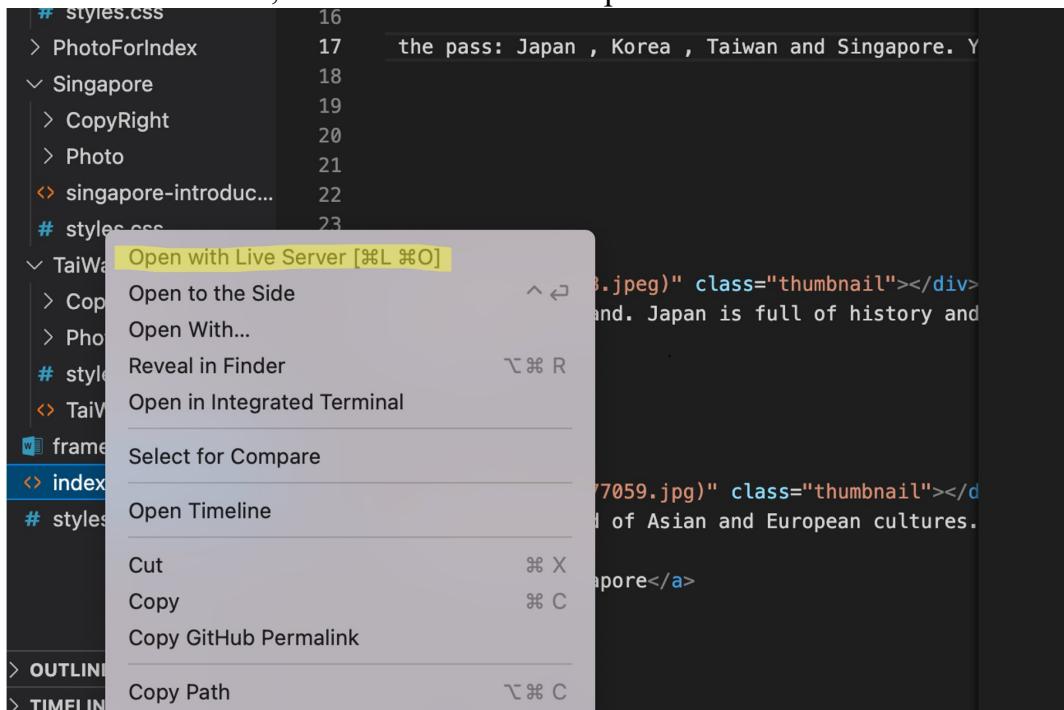
Japan was long thought to have no Paleolithic occupation, but since World War II thousands of sites have been discovered across the country, resulting in a wide variety of Paleolithic devices. They combine a center unit, made by cutting without a stone surface, and a chip unit, made by using droplets of stone detached from a larger piece of stone. Migration of people using these implementations from mainland Asia to Japan is a small problem. In one arrangement, an association that arrived through what is now the Korea and Tsushima Straits enabled immigration from the Korean Cape, while another association, through what is now Soya and the Tsugaru Straits, allowed individuals to enter from Northeast Asia.

## Place Recommend To Visit

The best way to see Japan is to take this tour. I'll point out some of the cities you'll visit.

## Outline of testing website

For the first method, I use visual code and open the live server.



When things change and saved, the website will automatically change. It is very convenient for me to see the different at the website.

The second method is to use the ‘inspect’ in google.

The screenshot shows a browser window with several tabs open. The active tab is '127.0.0.1:5500/TaiWan/TaiWan-introduction.html'. The page title is 'Taiwan History'. On the left, there's a sidebar with sections for 'History', 'Culture', and 'BackToMainPage'. The main content area has a heading 'Place Recommend To Visit' followed by a list of places. The DevTools sidebar is open, specifically the 'Elements' tab, which displays the HTML code for the page. A specific element, the header, is selected, and its styles are shown in the right panel. The styles include 'text-align: center;', 'padding: 0;', and 'margin: 0;'. There's also a preview of the selected element's style applied to a box in the bottom right corner.

This helps a lot on instant changes such as padding, margin, colour, display, text decoration. However, after fixing the bug, I need to rewrite the code into file as inspect changes will not be saved.

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