

Exercise 2

1. Please develop a Web form:

- Initial UI:

Advanced Web Form

Your name:

Your email: (name@domain.com)

Your homepage's URL: (http://www.domainname.com)

Your birthday date: (yyyy-mm-dd)

Your favorite color:

Your Department:

Check off all of the characteristics that you enjoyed about the college:

☒ Campus ☒ Students ☐ Location

How did you become interested in our college?

☐ Friends ☐ Television ☒ Internet

- After form submission:

After form submission

Your name:	Albert Ma
Your email:	albert@ntou.edu.tw
Your homepage's URL:	https://www.ntou.edu.tw
Your birthday date:	2008-08-01
Your favorite color:	#1233d9 ■
Your Department:	Department of Computer Science and Engineering
You enjoyed:	campus, students
Interested via:	internet

Detailed Requirements:

(1) Names for input elements:

label	name of the input element
Your name:	name="fullname"
Your email:	name="email"
Your homepage's URL:	name="url"
Your birthday date:	name="date"
Your favorite color:	name="color"
Your Department:	name="department"
Check off all of the characteristics that you enjoyed about the college:	name="likes"
How did you become interested in our college?	name="interest"

(2) The text field “department” should implement the “autocomplete” feature (it automatically fills in the user’s information based on the input) on this field.

The options in “datalist” include:

- Department of Aquaculture
- Department of Bioscience and Biotechnology
- Department of Communications, Navigation and Control Engineering
- Department of Computer Science and Engineering
- Department of Electrical Engineering
- Department of Environmental Biology and Fisheries Science
- Department of Food Science
- Department of Harbor and River Engineering
- Department of Marine Engineering
- Department of Marine Environmental Informatics
- Department of Mechanical and Mechatronic Engineering
- Department of Merchant Marine
- Department of Optoelectronics and Materials Technology
- Department of Shipping and Transportation Management
- Department of Systems Engineering and Naval Architecture
- Department of Transportation Science

(3) Set the “action” URL to <https://form-api-5rvw.onrender.com/submitForm>. (method: POST)

(4) Set the base font of the entire page to Perpetua with a relative size of 1.3 em (1.3 倍大寫 M 的大小).

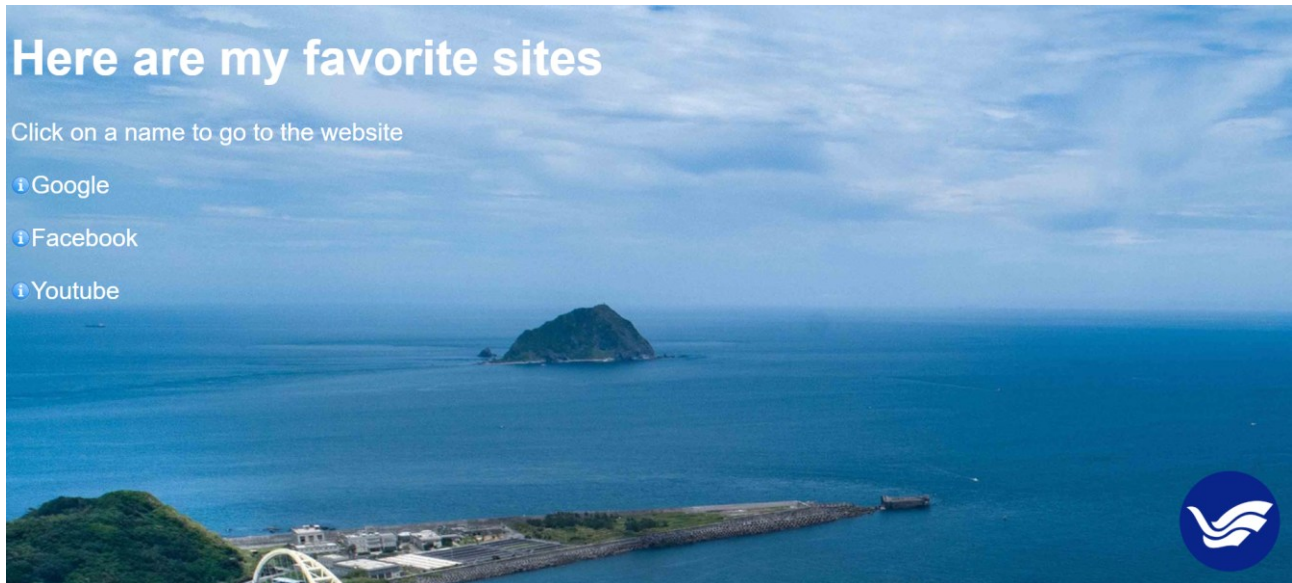
(5) Style the first letter of each paragraph or heading so that it appears larger, at 1.5 em (1.5 倍大寫 M 的大小).

- (6) Apply a style to all `<input>` elements so that their text color is “blue” and their font weight is 600 (semi-bold).
- (7) Specifically style the submit and reset buttons so that their text color is “firebrick.”

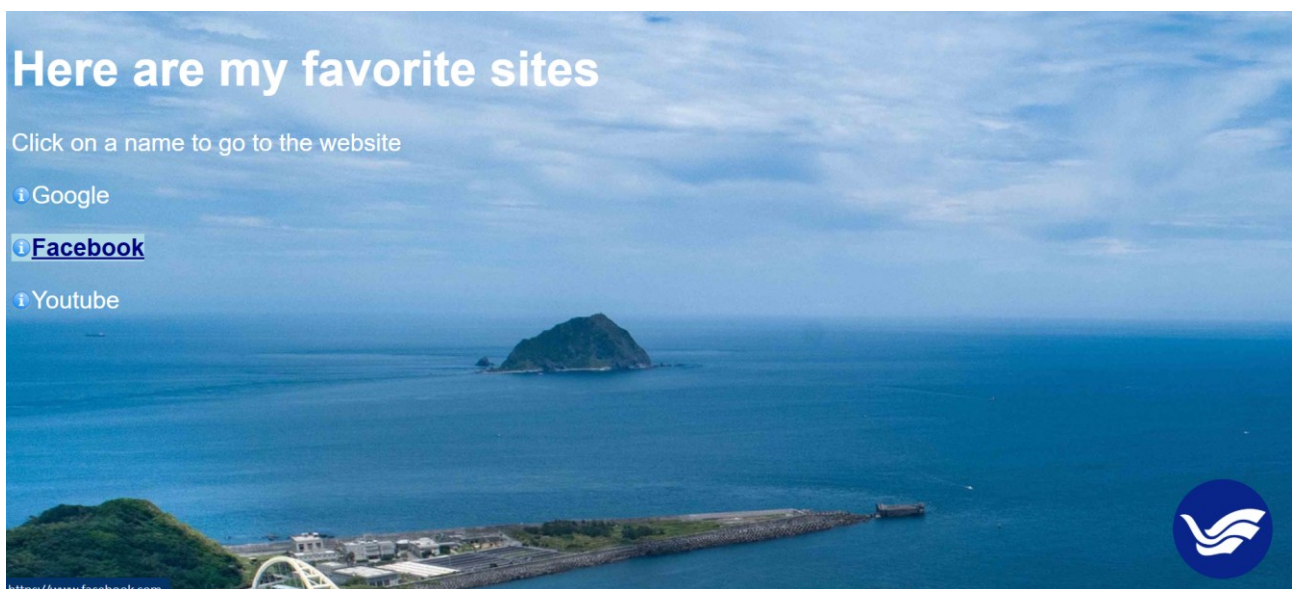
Hint:

Please use “Pseudo Element” to change the size of the first letter.

2. Add an embedded style sheet to an HTML webpage to render the page as follows:



- The background image uses “ntou.jpg” with the repeat mode enabled.
- The background color (the right part) is “rgb(59,138,205)”.
- The resized NTOU log (ntou_logo.png, 100 x 100) is in the right-bottom corner. (位置請自行合理設定)
- Set the base font of the entire page to Helvetica with a relative size of 1.5 em. If the Helvetica font is not supported, the sans-serif font is applied.
- The text is displayed in white.
- All links are without underlines.
- When the mouse cursor hovers over a link:
 - The link’s background color is set to **lightblue**.
 - The color of the link’s text is set to **navy**.
 - The weight of the link’s text is set to **bold**.
 - The **underline** will be shown.



Note:

- Please shrink the image *link.png* to 20 x 20 (pixels).
- Please shift the image down 2 pixels (讓 icon 下移 2 pixel) to slightly adjust the layout.

Websites and their URLs:

- Google: <https://www.google.com>
- Facebook: <https://www.facebook.com>
- YouTube: <https://www.youtube.com/>

Hint:

- Change the logo image's position to “absolute” and assign its coordinate.