

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 things you like:

☒ Campus ☒ Students

How did you become interested in our college?

☐ Friends ☐ Television ☒ Internet

- After form submission:

Web Form Test

Your name is: **Albert**

Your email is: **albert@ntou.edu.tw**

Your homepage is: **https://www.ntou.edu.tw**

Your birthday is: **2000-01-01**

Your favorite color: **#472f9d**

Your department: **com**

You like: **campus students**

You were interested in NTOU from: **internet**

Detailed Requirements:

- (1) Names for input elements:

| label | name of input element |
|------------|-----------------------|
| Your name: | name="fullname" |

| label | name of input element |
|--|-----------------------|
| 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” implements the “autocomplete” feature (it automatically fills in the user’s information based on input) on this field.

The options in datalist include:

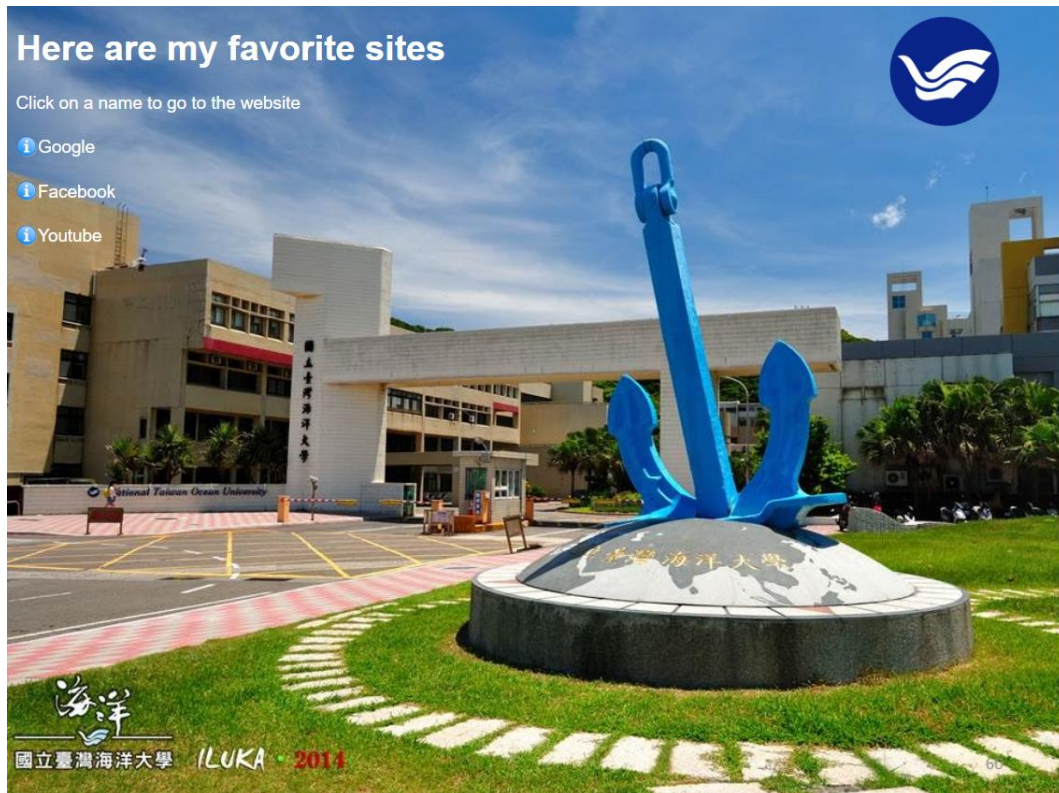
- Department of Aquaculture
- Department of Bioscience and Biotechnology
- Department of Communications, Navigation and Control Engineering
- Department of Computer Science and Engineering
- Department of Electrical Engineering
- Department of Environmental Biology and Fisheries Science
- Department 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://web-form-2022.herokuapp.com/>.
- (4) Set the font of the whole page to “Perpetua” and 1.3em (1.3 倍大寫 M 的大小).
- (5) Set the first letter of all sentences to 1.5em (1.5 倍大寫 M 的大小).
- (6) Set the color of all “input” elements to “blue” and the “font weight” to 600.
- (7) Set the color of “submit” and “reset” elements to “firebrick”.

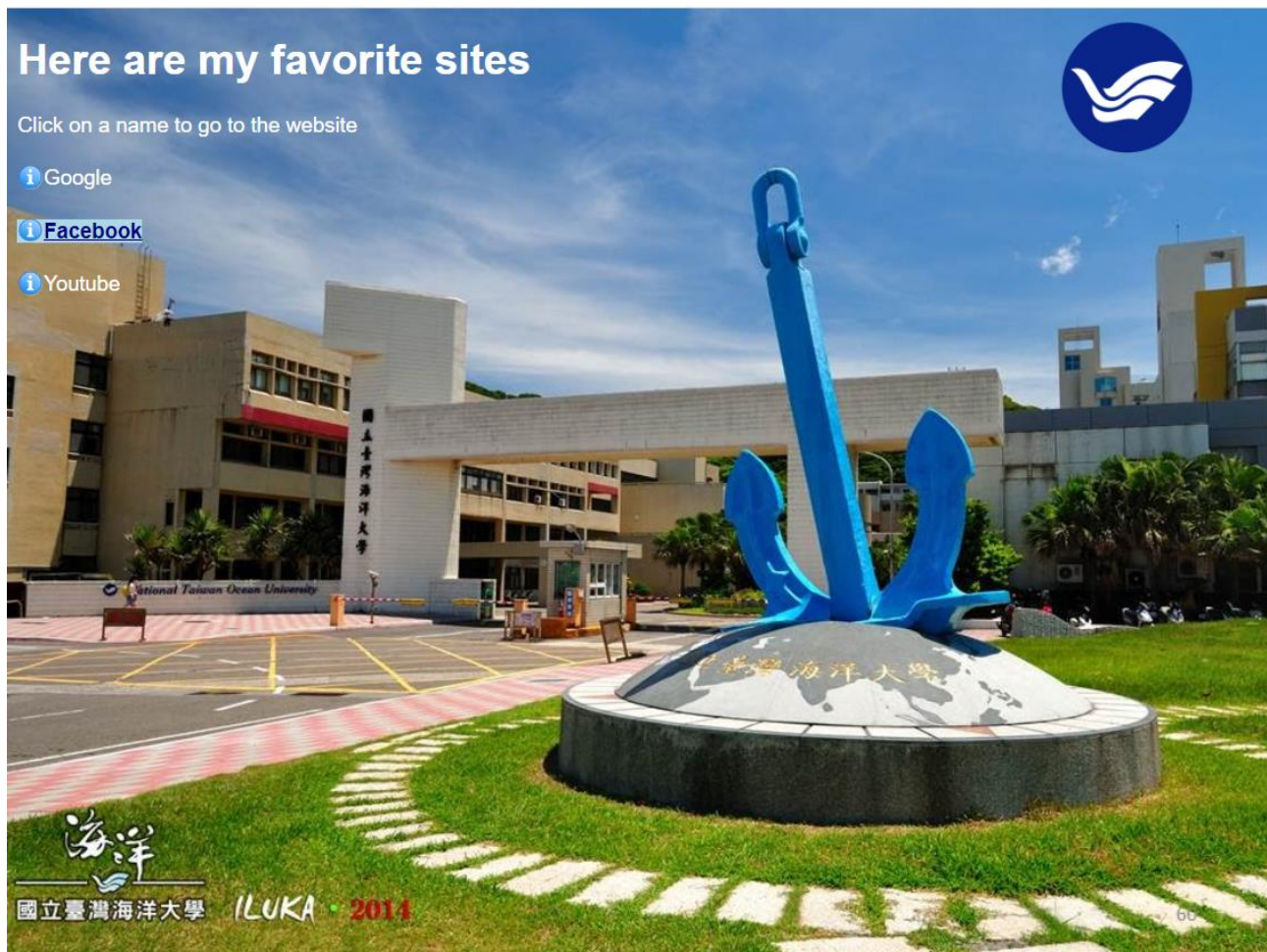
Hint:

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 is "ntou.jpg" (only one image is shown).
- The resized NTOU log (ntou_logo.png, 100 x 100) is shown in the right-top corner.
- The text is displayed in the Helvetica font. If the Helvetica font is not supported by the system, 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 4 pixels (讓 icon 下移 4 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:

- Should change the position of the logo image to “absolute” and assign its coordinate.