Exercise 1

1. Please develop a course timetable as follows:

This is a partial timetable

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NTOU CS Timetable			
#	Time	Course Name	Lecturers
6	13:10~14:00	程式設計	丁培毅
7	14:10~15:00		• 張欽圳 • 林川傑 • 張光遠
8	15:10~16:00		
◎2020 <u>海大資工</u>			



Requirements:

- (1) The width of the table is 50% of the screen width.
- (2) "NTOU CS Timetable" is an h2 heading.
- (3) "程式設計" is an h3 heading.
- (4) A small-sized image (80*80) ntoucs.jpg is placed in the foot of the table.
- (5) The user can click the image to link to the website of "海大資工". (http://www.cs.ntou.edu.tw)
- (6) The user can click the "海大資工" text to link to the Google search results for "海大資工" in a new window (瀏覽器分頁).



- (7) A Google Map for "國立臺灣海洋大學" is shown in the bottom (width: 50%).
- (8) A horizontal rule is shown between the table and the map.

Hints:

- (1) Understand the structure of a table.
- (2) Understand how to use rowspan and colspan in a table.
- (3) Understand how to use list.
- (4) Understand how to make an image hyperlink.
- (5) Understand how to make a single line break (斷行) and a horizontal rule.
- (6) Understand how to display special characters (©).
- (7) You can google the way of showing a URL in a new window.
- (8) You can embed a Google Map using "iframe" ("分享"->"嵌入地圖")

2. Please write a HTML form as follows:

Your name: Albert				
Your email: albert@ntou.edu.tw (name@domain.com)				
$Your\ homepage's\ URL: \\ \boxed{ http://soselab.ntou.edu.tw } \\ (http://www.domainname.com) \\$				
Your birthday date: 2020/09/22				
Your favorate color:				
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				
Submit Clear				

Requirements:

- Name:
 - o 滑鼠指標需落在「Your name」的輸入欄位中。
 - o name 屬性設定為"fullname"。
- E-mail 與 Homepage:
 - Email 若不填寫,使用者按下 submit 後會出現強制輸入之訊息。
 - o 若 E-mail 填寫錯誤的格式,使用者按下 submit 後會出現提示訊息。
 - o name 屬性設定為"email"。
- Homepage:
 - 若 Homepage 填寫不對的 URL (例如少了 http),使用者按下 submit 後會出現提示訊息。
 - o name 屬性設定為"url"。
- Birthday:
 - o 可透過選取設定或直接輸入數字。
 - o name 屬性設定為"date"。
- Color:
 - o 點選顏色區塊會出現 color 選擇器。
 - o name 屬性設定為"color"。
- Likes/Interest:
 - 單選與多選選項請按照題目要求設計,而使用者不論點選該

選項之文字或 checked box/radio button 之按鈕,都可以選取該選項。

- o 多選題的 name 屬性設定為"likes"。
- 單選題的 name 屬性設定為"interest"。
- 整張表單要以 get method 送到 http://140.121.150.92:8080/show-form.jsp, 理論上應該出現類似底下的畫面:

Web Form Test

Your name is: Albert

Your email is: albert@ntou.edu.tw

Your homepage is: http://soselab.ntou.edu.tw

Your birthday is: 2020-09-22

Your favorite color: #f70808

You like: campus students location

You were interested in NTOU from: internet

Hints:

- Understand various types of HTML input elements.
- Understand the "action" attribute of <form> element.
- Use <label> to group the text and its <input> element.