

WWW Technologies and Applications 2023

Assignment 1 – HTML and CSS

TA: Joanne (Email: 611410078@alum.ccu.edu.tw)

Deadline:

➤ ATTENTION

Please follow all the cautions above, or you will get a deduction or a zero :

1. Your purpose is to make exactly the same page as the example we provided, including the layout of the page and all the CSS effects, such as color, size and etc.
2. You have to use the Reset CSS library(<https://meyerweb.com/eric/tools/css/reset/>) on your CSS code to reduce browser inconsistency in things like default line heights, margins and font sizes of headings, and so on. Otherwise, your assignment may not be executed properly when TAs grade your assignments.
3. Except for the Reset CSS library, your assignment should NOT be implemented by any existing templates. All CSS, HTML, or JS library is prohibited, such as Bootstrap, Foundation, Bulma, etc.
4. Do NOT copy others' work or you will get a zero.

➤ DESCRIPTION

In your first assignment, you have to use HTML and CSS to create a simple zoo website with the layout shown in Figure 1. The features should be restricted as follows. The parameters like the size, color, and line height can be found in CSS restriction below, and all the pictures you need are in the folder:

1. The layout of the page

This website should be divided into three sections: header, body, and footer.

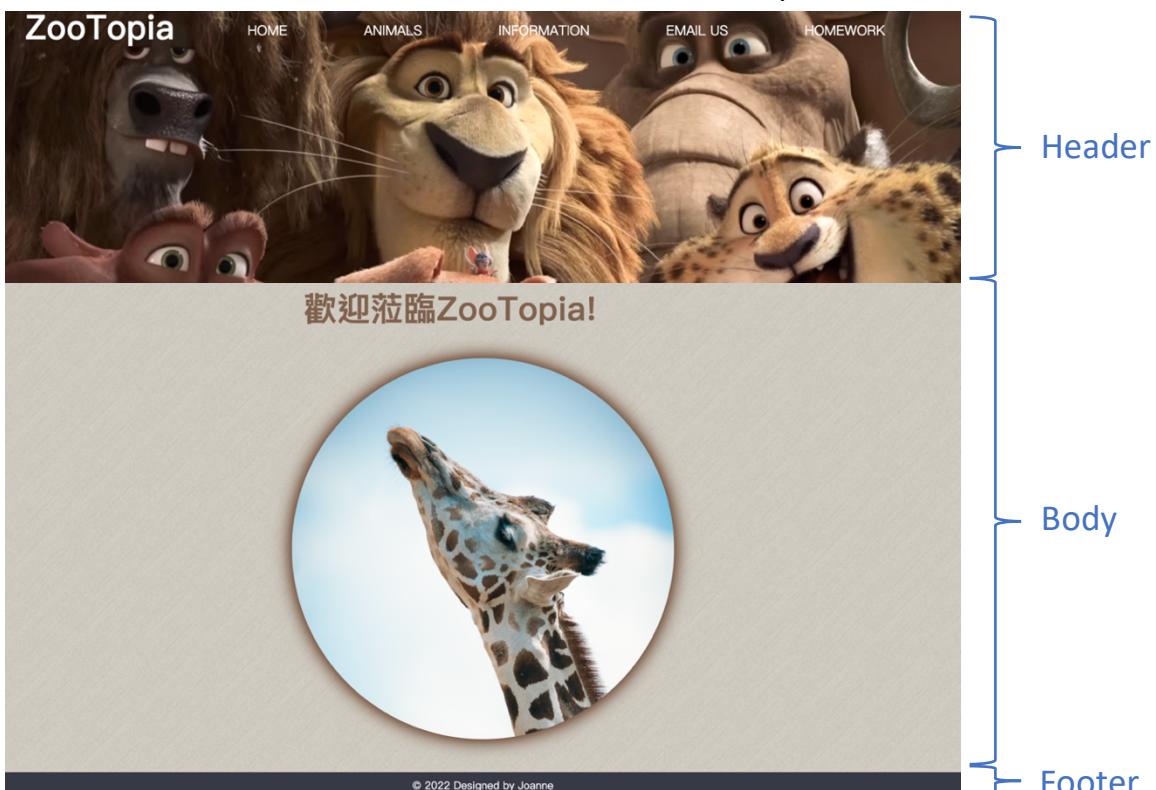


Figure 1. The layout of the page

2. Header

The header section is filled with *Zootopia.png* in the background, and you have to make a menu to switch pages. There are six items in the menu, including the title **Zootopia** and five items **HOME**, **ANIMALS**, **INFORMATION**, **EMAIL US**, and **HOMEWORK** that you can change to other pages you want by clicking one. You also have to make a dropdown menu with **PANDA** and **CAT** on the Animals item, and Homework1~5 on the **HOMEWORK** item. Please set these items with a mouseover style effect, as shown in Figure 2.



Figure 2. Header

3. Body

The body has different contents with different pages and is filled with *texture.png* in the background

- 1) HOME page(index.html)

The **HOME** page includes a welcome slogan and a giraffe picture. The slogan should show with a special **typing effect one word at a time** each time the page is refreshed. The picture is in a circle shape, and a four-layers **superimposed shadow** should be added around the picture.



Figure 3. HOME page

歡迎蒞 → 歡迎蒞臨 → 歡迎蒞臨本 → 歡迎蒞臨本館

Figure 4. Welcome slogan with typing effect

2) ANIMALS – Panda/ Cat page(panda.html/cat.html)

The **ANIMALS** is a **dropdown menu**. There are two selections, panda and cat. On each page, you have to add a slogan and a table, and each table has two animals' introductions. Please show their names, pictures, description, and personalities in one table by merging rows and columns. The pictures must be **filled in** the table. All text should be centered horizontally and vertically. However, the description and personality should be positioned horizontally to the left of the table. When clicking on the animal's name, it will show us a Wikipedia page.



大熊貓館

團團(大熊貓)	
	團團 是一隻雄性大熊貓，它在四川臥龍自然保護區的編號是第19號，2004年9月1日出生，乳名「小乖乖」。2022年下旬，團團被診斷出腦部病變、且病況惡化快速，由於並沒有熊貓腦部手術的前例，動物園園方只能以緩和治療舒緩團團的症狀。父親：靈靈。母親：華美，是「海歸」貓熊。配偶：圓圓，雌性，四川臥龍自然保護區第16號，2004年8月30日出生。 性格：大智若愚的美食主義者。
圓圓(大熊貓)	
	圓圓 是一隻雌性大熊貓，它在四川臥龍自然保護區的編號是第16號，2004年8月30日出生。父親：琳琳。母親：雷雷，是有英雄母親之美譽的斷掌熊貓。配偶：團團，雄性，四川臥龍自然保護區第19號，2004年9月1日出生。外號小乖乖，是海歸雌性熊貓華美的後代。 性格：個性勇敢、機靈果斷。

小叮噹 (英國短毛貓British Shorthair)	
	是歐洲短毛貓和美國短毛貓的對應品種。英國短毛貓是主人的良伴，易於適應城市或鄉村的生活（在鄉村有它們天性愛好的捕獵的機會）。英國短毛貓和其他的貓和狗相處和諧。它精力充沛、貪玩而且非常有愛心，但並不給人添麻煩。這種能適應惡劣環境的品種要到 2 到 3 歲時才性成熟。它的發育開始得也相對晚。每週一次梳理毛髮即可。但在脫毛季節（這個品種的貓脫毛脫得很厲害），每天一次的梳理是必要的。
鍋巴 (蘇格蘭摺耳貓Scottish Fold)	
	是一種耳朵有基因突變的貓。這種貓在軟骨部份有一個摺，使耳朵向前屈摺，並指向頭的前方。由於這貓種最初在蘇格蘭發現，所以以牠的發現地和身體特徵而命名。其後，這貓種在美國繼續繁殖，並演生成為今日的多個品種。現時蘇格蘭摺耳貓有以下兩對不同的特徵：長毛貓種及短毛貓種，及摺耳和豎耳貓種。
性格：恬靜、溫馴，易於相處。看似泰迪熊。	
性格：像天使，溫柔婉約又善解人意。	

Figure 5. ANIMALS page(PANDA/CAT)

3) INFORMATION page(info.html)

This page shows some information about the zoo. You have to make a container in the center of the page, and add ordered lists and unordered lists to it. All the lists in the container should be placed on the left side. There are different layers of the list, such as 最新消息 and 參觀資訊 are two-layer and three-layer lists. Each new layer should be **indented** as shown in Figure 6.



Figure 6. INFORMATION page

4) EMAIL US

By clicking the **EMAIL US** item, you can send an email to zootopia@gmail.com immediately.

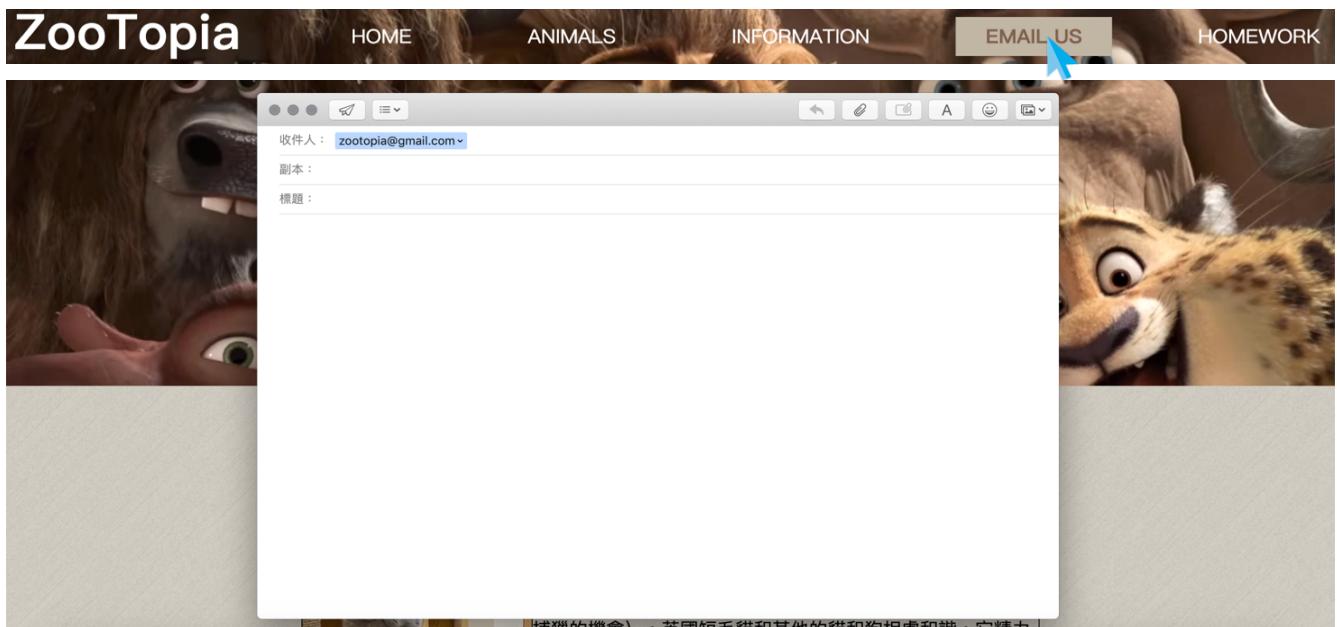


Figure 7. EMAIL US

5) HOMEWORK

The **HOMEWORK** item is also a dropdown menu. There are five selections, including Homework 1 to 5, as shown in Figure 8. You should link them with all your five works in the future.



4. Footer

You have to add a copyright statement in the center of this section.

© 2022 Designed by Joanne

Figure 8. Footer.

➤ CSS Restriction

Reset CSS library	https://meyerweb.com/eric/tools/css/reset/
Font-size	Slogan(ex: ZooTopia 、大熊貓館): 40px Others: 20px
Height	Header: 400px Main: auto Footer:40px
Color	Stone house: #c1b5a4 Brown: #80624f; White: ffffff; Dark blue: #363945
Animation	typing (one word at a time)
List-style-type	Square 、 Decimal 、 Circle

➤ Submission

1. How to submit your assignment and what should be submitted

1.1 How to submit your assignment

The flow of submitting your assignment can be found on our document website.

1.2 What should be submitted

Your first assignment should be placed under the “hw1” directory in your apache document directory (do the same thing for the rest of the assignments), and you should name your assignment “index.html.” For example, the link of your page should be “wwwdmplus.csie.io:[Your port]/hw1/index.html”. Make sure that you can view this assignment from the class page. You should **hand in your assignment to GitLab** and deploy your website on your server. You should record a demo video to show each function in your assignment. Your demo video should upload to YouTube and paste your link into eCourse2. **Your assignment will not be graded without a demo video.**

2. Grading policy

The homework submitted late will be accepted for up to 7 days after the due date and will receive an automatic 30% penalty. The homework submitted more than 7 days after the due date will not be accepted. Only one final submission (either one on-time or one late submission) is accepted. Your

assignment will not be graded without a demo video. You should explain all functions of your assignment in the demo video. The link to your demo video should be submitted to eCourse. The TA(s) will mark and give points according to the following grading policy:

Header	The size and style of the slogan and the drop-down-menus.	30%
Body and functions	HOME page	20%
	ANIMALS page	20%
	INFORMATION page	10%
	EMAIL US	5%
	HOMEWORK item link to your five homework.	5%
Footer	The style of the footer is correct.	10%