

Lab12

Mission (should you choose to accept it)

- Revise basic HTML and CSS

Prerequisite

Before you attempt the questions in this lab, kindly complete all exercises of **Lab11**.

Lessons to Follow for This Lab

In this lab, you will complete the remaining the lessons on the Codecademy's [Learn CSS](#) course, which is **Typography**.

Thereafter, complete the following revision exercises about HTML and CSS.

Practice Exercises

Problem 1: [Easy]

You are given an incomplete HTML script named "**Problem1.html**". Fill up the missing HTML script create a form mimicking all features shown in the following video:

<https://youtu.be/Fqe5a591rlA>

Requirements that must fulfilled:

1. **To Favourite Account:** Only 3 favourite accounts (Ali, Bob, Cindy) to choose from. The form will automatically suggest accounts that matches the user input, partially or fully.
2. **Amount:** A text input that allows integers only. For other input, Google Chrome will show the error "Please match the requested format" when the Login button is clicked.
3. **TAC:** A text input that allows a 6-letter text only. For other input, Google Chrome will show an error when the Login button is clicked.

Problem 2: [Easy]

You are given an incomplete HTML script named "**Problem2.html**". Fill up the missing HTML script to create a table mimicking the style and data in the spreadsheet below:

Section	Name	Marks
TC01	Ali	1
	Beckham	2
TC02	Cindy	3
	Deborah	4
	Emma	5
Average		2.5

Requirements that must fulfilled:

1. Your answer **must not** contain any CSS rules (i.e. inline, internal, or external CSS).
2. The background colour for the table header and footer must match the above spreadsheet.
3. The table footer's text is aligned to the right.
4. Marks are right aligned.

Problem 3: [Easy]

You are given an incomplete HTML script named “**Problem3.html**”. Fill up the missing HTML script to create a list of hyperlinks mimicking all features shown in the following video:

<https://youtu.be/awNm9-m-m4U>

Requirements that must fulfilled:

1. Each hyperlink's CSS display property must be changed so that one link occupies one line.
2. Each hyperlink's padding is set to 10 pixels in all directions.
3. Each hyperlink's text is centre aligned.
4. Each hyperlink's width is 50 percent of its parent container (i.e. the body tag).
5. Each hyperlink appears at the centre of the page (Hint: adjust the margin appropriately).

NOTE: The behaviour of the hyperlink when hovered by mouse has been implemented.

Problem 4: [Easy]

You are given an incomplete HTML script named “**Problem4.html**”. Fill up the missing HTML script to display a profile picture shown below:



Requirements that must fulfilled:

1. The profile picture's border is rounded to form a circle.
2. The profile picture's border is coloured red, is solid, and is 2 pixels thick.
3. The profile picture's width and height are set to 100 pixels.

Problem 5: [Easy]

You are given an incomplete HTML script named “**Problem5.html**”. Fill up the missing HTML script to get the output shown in the figure below:

KING DELUXE

Modern, contemporary interior with floor-to-ceiling windows, Crabtree & Evelyn Bath amenities, and a 50-inch flat screen TV.

Features:

1. King-sized bed
2. Marble finished Bathroom
3. Work Desk
4. Mini Bar

Requirements that must fulfilled:

1. **Allowed HTML tags only.** Add new content to the existing contents in the <body> tag is prohibited.
2. Deduce the correct HTML tags from the CSS rules in the <head> tag.
3. Deduce which HTML tags need additional attributes from the CSS rules in the <head> tag.
4. The existing contents in the <body> tag cannot be modified.
5. The existing CSS rules in the <head> tag cannot be modified.