

Screenshots of Webpages for Lab Task 1.1 to 2.4

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Lab 1

Lab Task 1.1

<https://github.com/Sharonwoon/DataVisualisationLab/blob/main/lab1-1.html>

The screenshot displays a web browser on the left and a code editor on the right. The browser shows a webpage with the title "Pets and the Pandemic" by Woon Xin Ying. The page content includes a paragraph about a report from Animal Medicines Australia (AMA) and a table comparing pet ownership in Australia from 2019 to 2021. The code editor shows the HTML and CSS code for the webpage, including a navigation bar and a dropdown menu.

Pets and the Pandemic
Author: Woon Xin Ying

A report from Animal Medicines Australia (AMA) has found that many Australians took the opportunity to introduce a pet into their household during the pandemic. Their survey indicated that there was a significant increase in the percent of households taking in a new dog, fish or bird. Their research also indicated that pets had a number of positive influences on their lives such as:

- companionship
- better mental health
- joy and happiness

With the increase in pet ownership the AMA are encouraging policy makers to consider the needs of companion animals and their owners when considering rental, strata and body corporate regulations as well as accepting animals in public places and transport.

Pet type	Household penetration (%)		Total owner households ('000)		Adoption per household (average)		Total pets ('000)	
	2019	2021	2019	2021	2019	2021	2019	2021
Dogs	45	47.4	3,940.2	4,644.6	1.2	1.4	5,054.7	6,344.7
Cats	27	30	2,402.4	3,030.7	1.4	1.6	3,764.4	4,902.2
Fish	9	10.4	1,054.8	1,243.1	0.7	0.5	5,107.7	5,245.1
Birds	9	14.4	807.5	1,540.2	0.4	0.9	1,208.4	1,446.4
Small mammals	2	3	207.8	490.2	0.4	0.2	814.2	1,000.2
Reptiles	2	4	145.1	424.4	0.9	0.6	354.2	462.4
Other pets	2	1	144.1	110.1	0.2	0.4	1,761.1	492.2
Pet Owners	81	89.4	5.9 m	6.4 m			28.9 m	35.4 m
Non-Owners	19	10.6	3.7 m	3.1 m				

Fig 1. Comparison of Pet Ownership in 2019 and 2021. Data Source: [Animal Medicine Australia Report](#)

COS30045 Data Visualisation

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8"/>
  <meta name="description" content="Data Visualisation Exercise 1"/>
  <meta name="keywords" content="HTML, CSS"/>
  <meta name="author" content="Your name here"/>
  <title>Task 1.1 HTML and CSS Demo Page</title>
  <!-- Insert description of exercise -->
  <link href = "stylesheet.css" rel="stylesheet">
</head>
<body>
  <div class="topnav">
    <a href="index.html">Main Page</a>
    <a href="lab1-2.html">Lab1-2</a>
    <a href="lab1-3.html">Lab1-3</a>
  </div>
  <!-- Dropdown -->
  <div class="dropdown">
    <button class="dropbtn">More Lab
      <i class="fa fa-caret-down"></i>
    </button>
    <div class="dropdown-content">
      <a href= "lab2.html">Lab 2</a>
      <a href= "lab3.html">Lab 3</a>
      <a href= "lab4.html">Lab 4</a>
      <a href= "lab5.html">Lab 5</a>
    </div>
  </div>
</body>
```

Lab Task 1.2

<https://github.com/Sharonwoon/DataVisualisationLab/blob/main/lab1-2.html>

The screenshot displays a web browser on the left and a code editor on the right. The browser shows a web page titled "Pets and the Pandemic" by Woon Xin Ying. The page includes a navigation bar, a main heading, an author name, a paragraph about a report from Animal Medicines Australia (AMA), a bulleted list of benefits of pet ownership, and a bar chart titled "pets2019" showing the percentage of households taking in different types of pets in 2019. The code editor shows the HTML source code for the page, including the DOCTYPE, meta tags, title, and body content.

Web Page Content:

Pets and the Pandemic

Author: Woon Xin Ying

A report from Animal Medicines Australia (AMA) has found that many Australians took the opportunity to introduce a pet into their household during the pandemic. Their survey indicated that there was a significant increase in the percent of households taking in a new dog, fish or bird. Their research also indicated that pets had a number of positive influences on their lives such as:

- companionship
- better mental health
- joy and happiness

With the increase in pet ownership the AMA are encouraging policy makers to consider the needs of companion animals and their owners when considering rental, strata and body corporate regulations are well as accepting animals in public places and transport.

pets2019

Pet Type	Percentage (%)
Dog	40
Cats	25
Fish	10
Birds	5
Small M	2
Reptiles	1
Other Pets	1

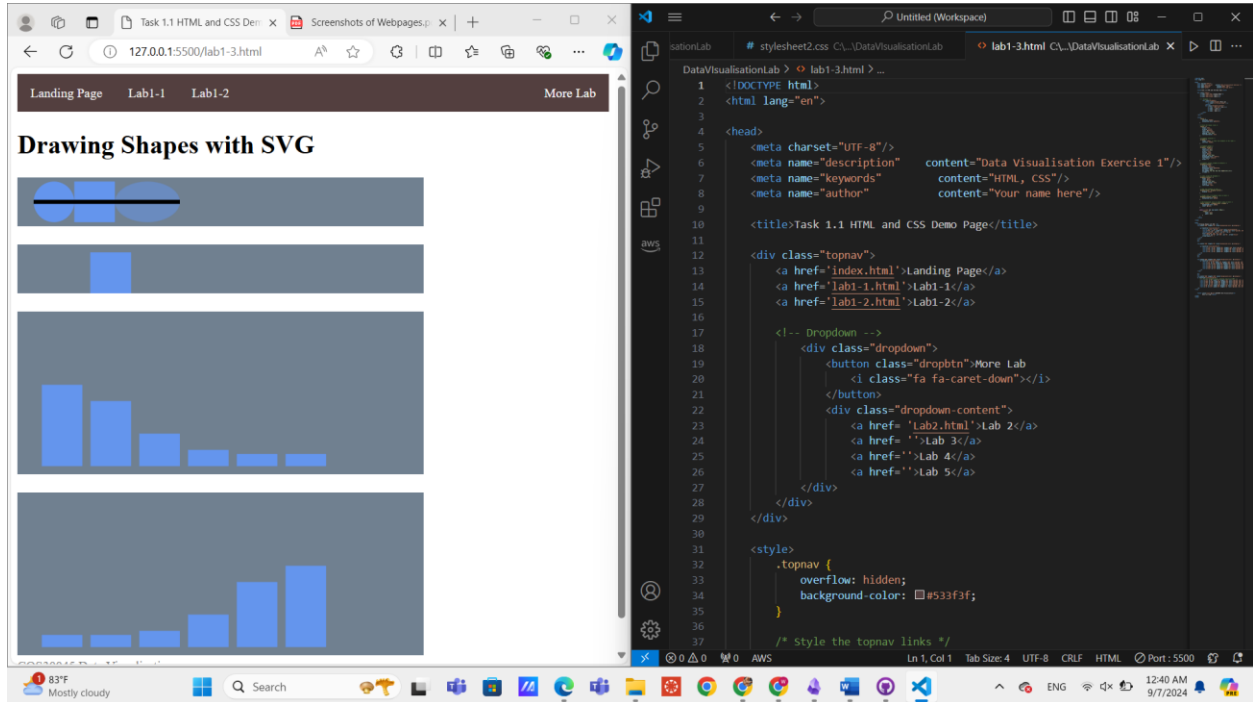
COS30045 Data Visualisation

HTML Source Code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8"/>
6   <meta name="description" content="Data Visualisation Exercise 1"/>
7   <meta name="keywords" content="HTML, CSS"/>
8   <meta name="author" content="Your name here"/>
9
10  <title>Task 1.1 HTML and CSS Demo Page</title>
11  <!-- Insert description of exercise -->
12  <link href = "stylesheet.css" rel="stylesheet">
13
14
15 </head>
16
17 <body>
18
19   <div class="topnav">
20     <a href="index.html">Main Page</a>
21     <a href="lab1-2.html">Lab1-2</a>
22     <a href="lab1-3.html">Lab1-3</a>
23
24     <!-- Dropdown -->
25     <div class="dropdown">
26       <button class="dropbtn">More Lab
27         <i class="fa fa-caret-down"></i>
28       </button>
29       <div class="dropdown-content">
30         <a href= "Lab2.html">Lab 2</a>
31         <a href= "">Lab 3</a>
32         <a href="">Lab 4</a>
33         <a href="">Lab 5</a>
34       </div>
35     </div>
36
37   </div>
```

Lab Task 1.3

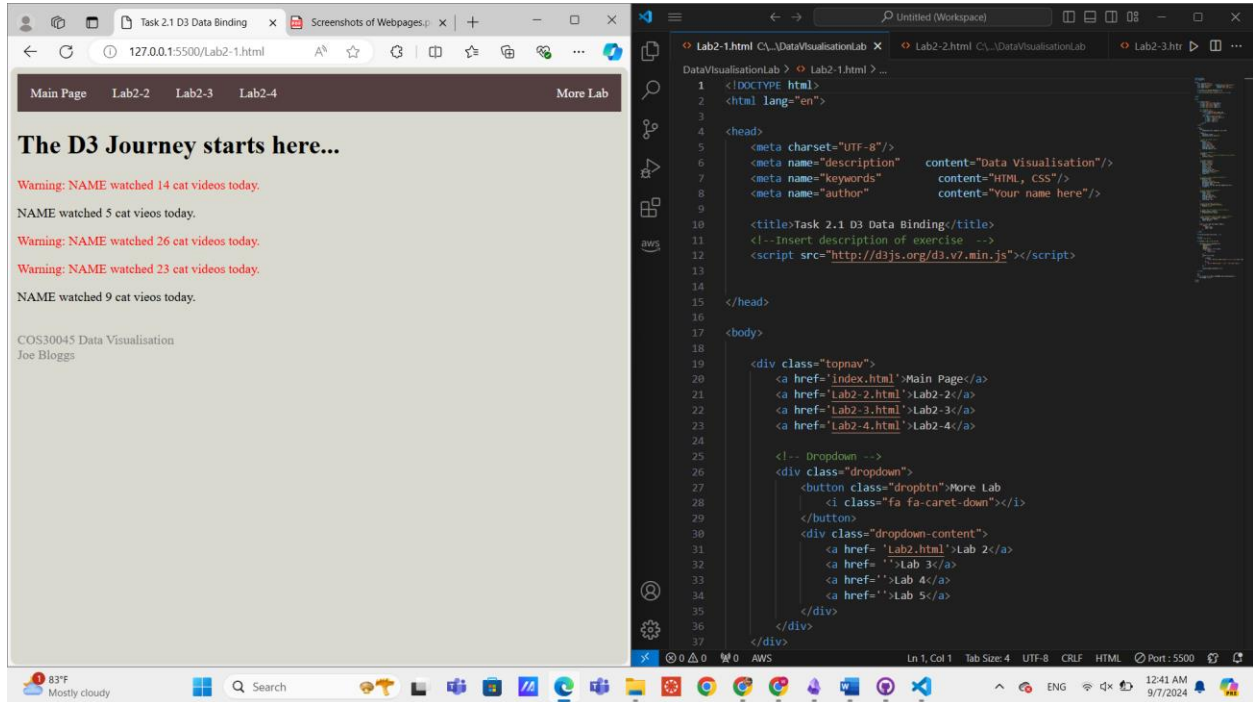
<https://github.com/Sharonwoon/DataVisualisationLab/blob/main/lab1-3.html>



Lab 2

Lab Task 2.1

<https://github.com/Sharonwoon/DataVisualisationLab/blob/main/Lab2-1.html>



Lab Task 2.2

<https://github.com/Sharonwoon/DataVlsualisationLab/blob/main/Lab2-2.html>

The screenshot displays a web browser on the left and a code editor on the right. The browser shows a web page titled "Drawing with Data" by Woon Xin Ying, featuring a bar chart with 10 bars of varying heights (10, 20, 15, 30, 25, 35, 20, 30, 25, 30). Below the chart is a red banner with the text "COS30045 Data Visualisation" and "Woon Xin Ying". The code editor on the right shows the HTML code for the page, including a navigation bar with links to "Main Page", "Lab2-2.html", "Lab2-3", and "Lab2-4", and a dropdown menu for "More Lab".

Bar Chart Data:

Bar Index	Value
1	10
2	20
3	15
4	30
5	25
6	35
7	20
8	30
9	25
10	30

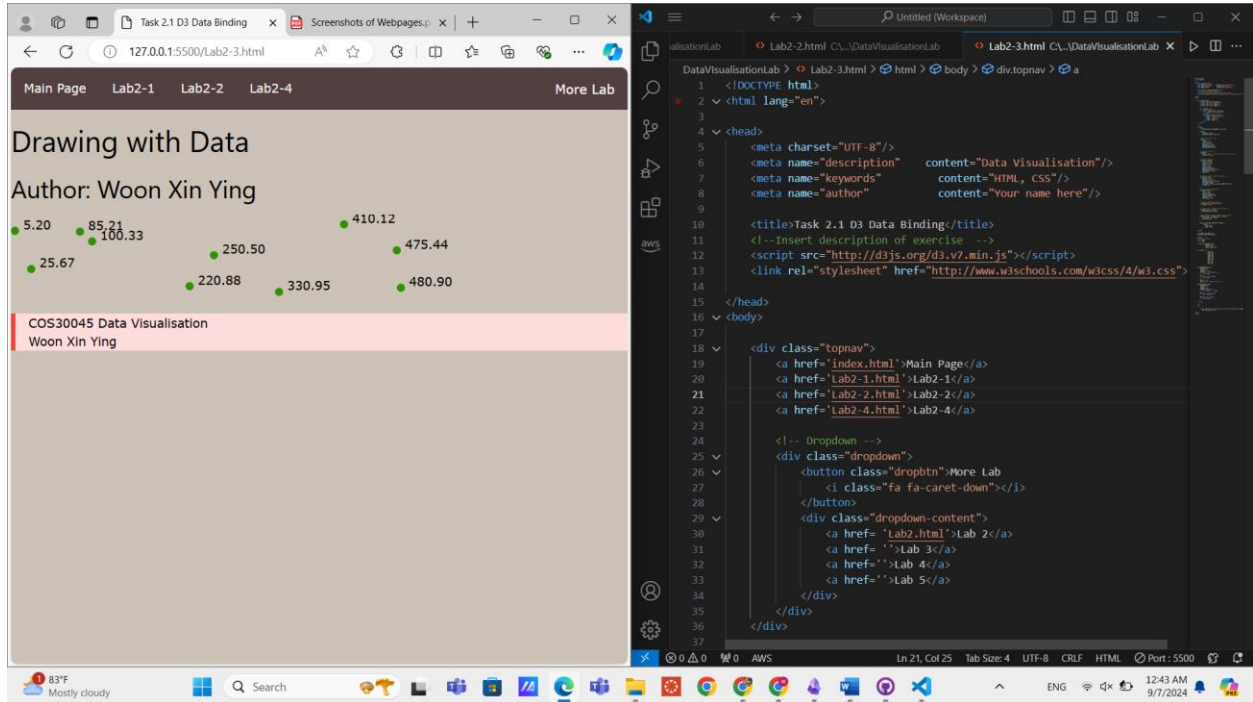
HTML Code Snippets:

```
<!-- Navigation Bar -->
<div class="topnav">
  <a href="index.html">Main Page</a>
  <a href="Lab2-2.html">Lab2-2</a>
  <a href="Lab2-3.html">Lab2-3</a>
  <a href="Lab2-4.html">Lab2-4</a>
</div>

<!-- Dropdown -->
<div class="dropdown">
  <button class="dropbtn">More Lab
    <i class="fa fa-caret-down"></i>
  </button>
  <div class="dropdown-content">
    <a href="Lab2.html">Lab 2</a>
    <a href="">Lab 3</a>
    <a href="">Lab 4</a>
    <a href="">Lab 5</a>
  </div>
</div>
```

Lab Task 2.3

<https://github.com/Sharonwoon/DataVisualisationLab/blob/main/Lab2-3.html>



Lab Task 2.4

<https://github.com/Sharonwoon/DataVisualisationLab/blob/main/Lab2-4.html>

The screenshot displays a web browser on the left and a code editor on the right. The browser shows a web page titled "Drawing with Data" by Woon Xin Ying, featuring a bar chart with 10 bars of varying heights and colors (green, blue, and teal). The code editor shows the HTML source code for the page, including a navigation bar with links to "Main Page", "Lab2-1", "Lab2-2", "Lab2-3", and "More Lab". The code also includes a dropdown menu for "More Lab" with links to "Lab 1", "Lab 2", "Lab 3", and "Lab 4".

Bar Chart Data:

Bar Index	Value	Color
1	14	Green
2	5	Green
3	26	Blue
4	23	Blue
5	9	Green
6	12	Green
7	7	Green
8	19	Green
9	28	Blue
10	16	Teal

Navigation Bar:

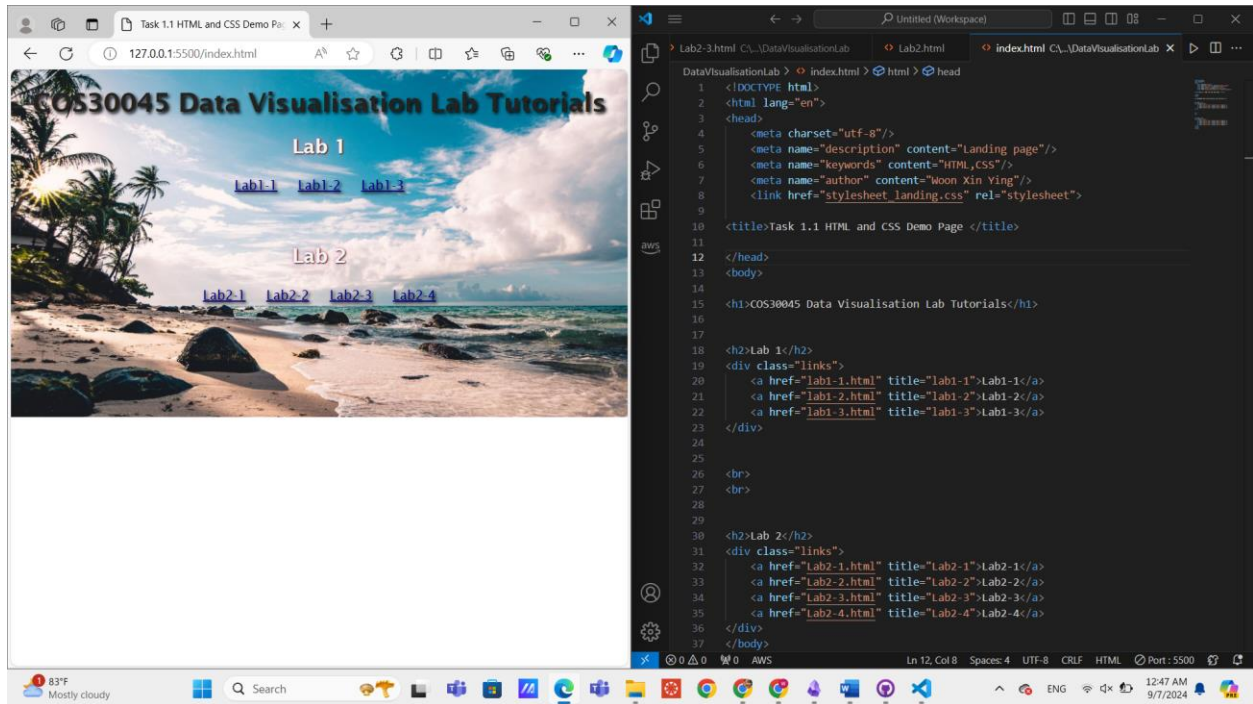
- Main Page
- Lab2-1
- Lab2-2
- Lab2-3
- More Lab

Dropdown Menu (More Lab):

- Lab 1
- Lab 2
- Lab 3
- Lab 4

Main Page

<https://github.com/Sharonwoon/DataVisualisationLab/blob/main/index.html>



Lab 2 Main Page

<https://github.com/Sharonwoon/DataVisualisationLab/blob/main/Lab2.html>

