

# Web and UI Design

## Lab Four

Go to the w3schools HTML tutorial

[https://www.w3schools.com/html/html\\_iframe.asp](https://www.w3schools.com/html/html_iframe.asp)

Start at **iframes**, skip over Javascript and computercode sections, stop after **semantics** and then jump down to **media**

The screenshot shows the w3schools HTML tutorial page for Iframes. The left sidebar has links for HTML Iframes, HTML JavaScript, HTML File Paths, HTML Head, HTML Layout, HTML Responsive, HTML Computercode, and HTML Semantics. The main content area has a heading 'Syntax' with the code example: <iframe src="url" title="description"></iframe>. Below the content is a navigation bar with 'Previous' and 'Next' buttons.

## Lab

### Part One

Create a folder called lab\_4 and inside create three html files called index.html, info.html, media.html and a css file called style.css, all style properties should be in style.css, no embedded or inline styling is needed.

Your pages should be optimised for web viewing, you can use the responsive design mode in Chrome to view your webpage in mobile format.

Each html page should have the following:

- A HTML container
  - Head container
    - A comment with your student id, your full name and the date
    - A title element containing the Page name
    - A stylesheet link to a style.css

- A Viewport Meta tag
- A body container
  - A horizontal menu with links to home, info and media with a background color and text color of your choice

## Part Two

In index.html add the following to the body:

- A heading 1 declaring what your site is about, centrally aligned
- A two line paragraph about your site
- A figure and figcaption
- Figure image should have a max width of 50% and be centrally aligned
- A hover effect on the Figure image, figure image should rotate either 90 degrees or 180 degrees (your choice) when hovered over or when active

In info.html add:

- Your table from lab 3 but add
  - Scaling for mobile
    - Change table font-size to a lower amount such as 2vw when page width is less than 600px
    - Add word-break: break-all; to table cell style
  - A hover effect: the color transitions on a cell if its hovered over or active

In media.html in body add:

- An iframe linking to an external page on your topic (eg. Wikipedia article)
- Iframe should have:
  - A relative position
  - 80% width
  - 800px height
  - Be centrally aligned

In style.css add:

- A comment with your full name and student number
- A html element selector with a gradient background (any style)
- Attributes for any elements mentioned in index, info and media, unless specified all color and size properties are up to you
- A media Query that if page width is less than 600px, the html background colour is a different colour

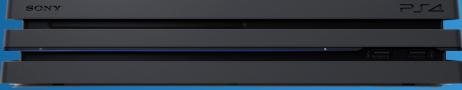
You should have a layout similar to the following when loaded

## Desktop View

Home Info Media

### Consumer Electronic Show

CES showcases companies including manufacturers, developers and suppliers of consumer technology hardware, content, technology delivery systems and more. It also includes a conference program where the world's business leaders and pioneering thinkers address the industry's most relevant issues.



The PS4 Pro can be oriented horizontal or vertical

Home Info Media

### Console Release

Console	Company	Year
Game Boy	Nintendo	1990
Playstation	Sony	1995
Xbox	Microsoft	2001

Home Info Media

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# Consumer Electronics Show

32 languages

Article Talk Read Edit View history Tools

(Top) History For other uses, see CES.

CES (l s i . e s ; formerly an initialism for Consumer Electronics Show<sup>[1]</sup>) is an annual trade show organized by the Consumer Technology Association (CTA). Held in January at the Las Vegas Convention Center in Winchester, Nevada, United States, the event typically hosts presentations of new products and technologies in the consumer electronics industry.

CES 2024 was held from Jan 9-12.<sup>[2]</sup> Press days started two days prior.<sup>[3]</sup>

**History** [edit]

The CES logo displayed at CES 2019

The first CES was held in June 1967 in New York City. It was a spinoff of the Chicago Music Show which, until then, had served as the main event for exhibiting consumer electronics. The event had 17,500 attendees and over 100 exhibitors; the kickoff speaker was Motorola chairman Bob Galvin.<sup>[4]</sup> From 1978 to 1994, CES was held twice each year.

**Attendees at CES 2016**

Status Active  
Genre Consumer electronics  
Venue Las Vegas Convention Center



## Mobile View

Home Info Media

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Article Talk

From Wikipedia, the free encyclopedia

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Status Active

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