

Aim: How Can We Use Links To Create Websites
With Multiple Pages?

Do Now: Play the Wikipedia Game (<https://www.thewikipediagame.com/>) and try your best!

Linking using the <a> tag

- Remember that the HT in HTML stands for Hypertext, which is text that references other text that can immediately be accessed
- Typically, users of the web go from one web page to the next by clicking on links, like in the Wikipedia Game
- Links are one of the most important parts of the web, and we can make our own links by using the <a> tag, also known as the anchor tag
- Below is an example of what the code for an anchor tag may look like as well as what would appear on the web page

```
<a href="https://www.thewikipediagame.com/"> Click Here To Play </a>
```



[Click Here To Play](https://www.thewikipediagame.com/)

Syntax of the <a> tag

```
<a href="https://www.thewikipedia.com/"> Click Here To Play </a>
```



[Click Here To Play](https://www.thewikipedia.com/)

- The <a> tag has an attribute named href.
- Like the src attribute for , the value for the href attribute should be the file that we want to redirect to when clicking the link
- Unlike the tag, the <a> tag is not self-closing
- Often when copying and pasting a link in a text or on an app, it will automatically make that link clickable
- However, when coding in HTML we need to add text in between the start and end <a> tags or else there won't be anything to click
- Notice that in this example, "Click Here To Play" is what would be displayed on the web page and what we would need to click to go to The Wikipedia Game site.

Values for href

- Like we saw with the `` tag last lesson, we can use a URL as the value for the href attribute or we can use a relative file path
- For example, the code of an `<a>` tag that links to another HTML file in the same folder may look like this

```
<a href="page2.html"> Go To Next Page </a>
```

- The `<a>` tag also doesn't have to link to an HTML file, it can link to almost any type of file, including images
- What would be the difference between the two lines of code below?

```
1. <a href="image.png">See Image</a>
```

```
2. 
```



Website Structure

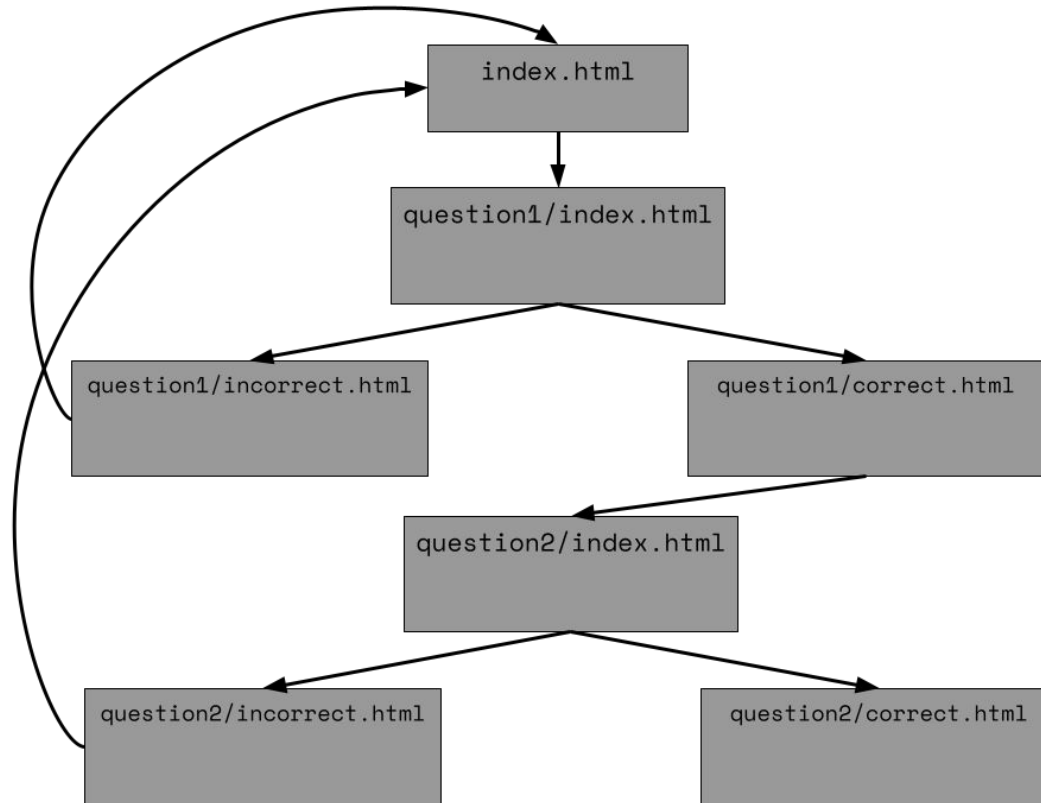
- So far, we've only worked on making sites that consist of a single web page, but most websites are made up of multiple pages
- Wikipedia for instance, is made up of millions of web pages for each article, but as we saw in the Do Now we can't go from any article on Wikipedia to any other article on Wikipedia in one jump (not without using the search feature anyways)
- When designing a website that consists of multiple pages, it's important to consider how the user navigates through the site and accesses each page
- For example, you probably wouldn't want to work on adding a page to your site that is inaccessible to users because they don't know the URL for the page and no link points to it
- How the pages in a website are connected is the structure of the website and it has a notable effect on the experience of using that site
- It may be helpful to plan or draw out a website's structure before starting to work on it



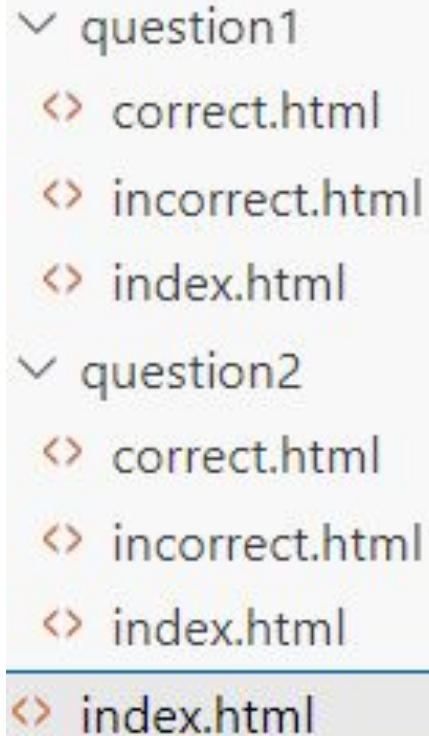
Structure for Today's Assignment

- For today's assignment you'll be working on making short quizzes
- While there is a guide for you to follow for the website structure of this assignment so you don't have to come up with a structure on your own, you'll still need to add the code to actually implement said structure

Quiz Assignment Structure



Quiz Assignment Structure (Folder View)



A screenshot of a file explorer showing a folder view of a quiz assignment. The structure is as follows:

- question1
 - correct.html
 - incorrect.html
 - index.html
- question2
 - correct.html
 - incorrect.html
 - index.html
- index.html

The 'index.html' file at the bottom is highlighted with a blue border.