HTML & CSS Example

Video Examples:

```
Basic Video (1 hour):
```

End Goal -> Create simple website

HTML Tutorial for Beginners: HTML Crash Course

In-depth video (5 hours):

End Goal -> Create Youtube.com website

HTML & CSS Full Course - Beginner to Pro (2022)

HTML & CSS Reference/Notes:

HTML CSS Reference

The most basic HTML Example:

- Below is a good HTML structure that is considered the norm and keeps things in track

General Important Technique:

- 1. Create Element with HTML
- 2. Style with CSS one-by-one

```
<!DOCTYPE html>
     <html>
       <head>
       </head>
       <body>
         <button>
           Hello
         </button>
          This is a paragraph and below is a link to youtube
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         <a href="https://www.youtube.com/" target="_blank">
           Link to Youtube
         </a>
        </body>
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     </html>
```

<!--The <a> represents an anchor element (link to another website) href modifies which website is opened when clicking the link href is an HTML Attribute within the anchor element and modifies how an element behaves Have a space between the attribute and the tag name target="_blank" causes the link to be opened in a new type href and target attribute only work on the link element -->

Output:

Hello

This is a paragraph and below is a link to youtube

Link to Youtube

- We use <style> to indicate CSS and styling of the HTML Code
- We also use pseudoclass (adds extra style to a certain situation
- To create CSS we need to create a new element called *<style></style>* Inside the element we can write CSS Code which modifies the appearance of other elements.

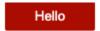
```
<!DOCTYPE html>
<html>
  <head>
    <style>
     p{
       font-family: Arial;
       font-weight: bold;
     .example-button{
       background-color: □rgb(200,10,0);
       color: ■white;
       border: none;
       height: 30px;
       width: 90px;
       border-radius: 2px;
       cursor: pointer;
    </style>
 </head>
 <body>
   <button class="example-button">
     Hello
   </button>
     This is a paragraph and below is a link to youtube
   <a href="https://www.youtube.com/" target="_blank">
     Link to Youtube
   </a>
  </body>
</html>
```

CSS Syntax Rules:

- 1) The yellow colored "button" is the CSS Selector (which elements we are targeting) -> in this case all buttons on the page with class "example button".
- 2) The "background-color" to the left is the CSS property (tells the computer what you are changing)
- 3) The thing right to the background color is the CSS Value (tells the computer what we are changing the background too
- 4) 'Border' is the text color and border (none) means that there is no border for the button.

- 5) 'border-radius' gives rounded corners -> takes a pixel measure, the higher the value, the more rounded the pixels will be
- 6) cursor: pointer gives hand

Output:



This is a paragraph and below is a link to youtube

Link to Youtube