

Home

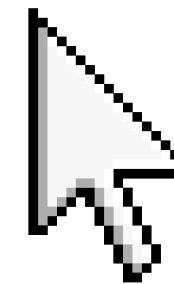
Content

Contact

Introduction to

CODING

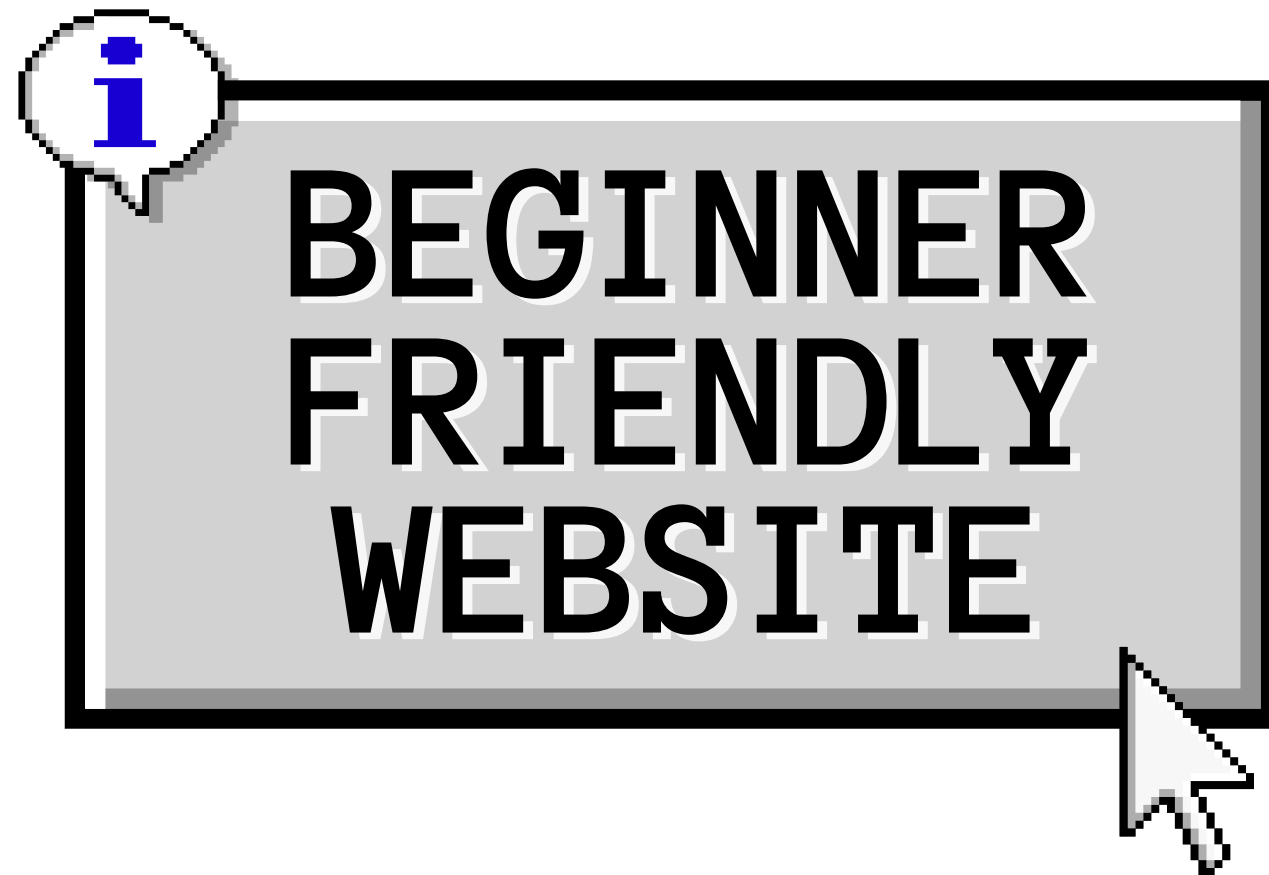
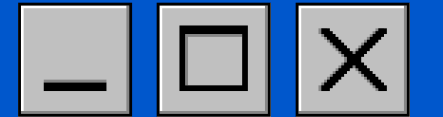
UNDERSTANDING THE BASICS



Start

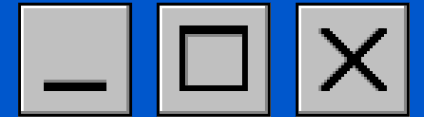
Kim
Elena

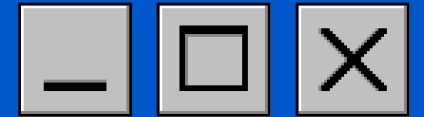




Learning how to turn a design from
figma into an actual website.



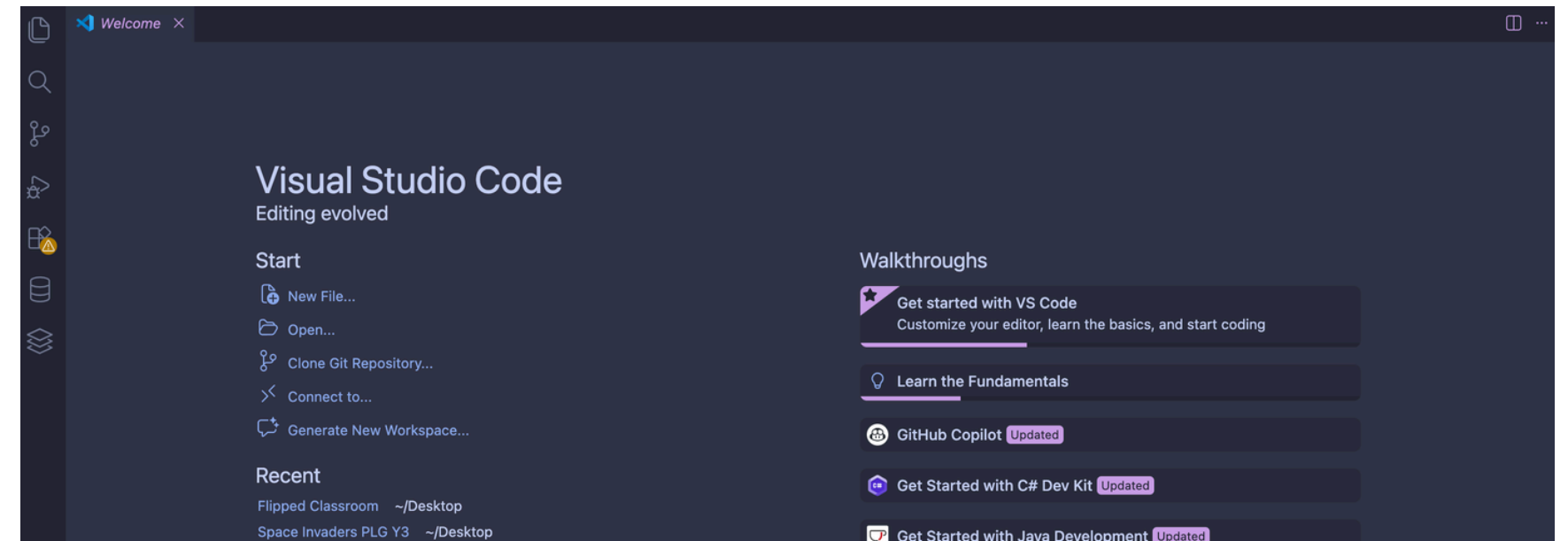
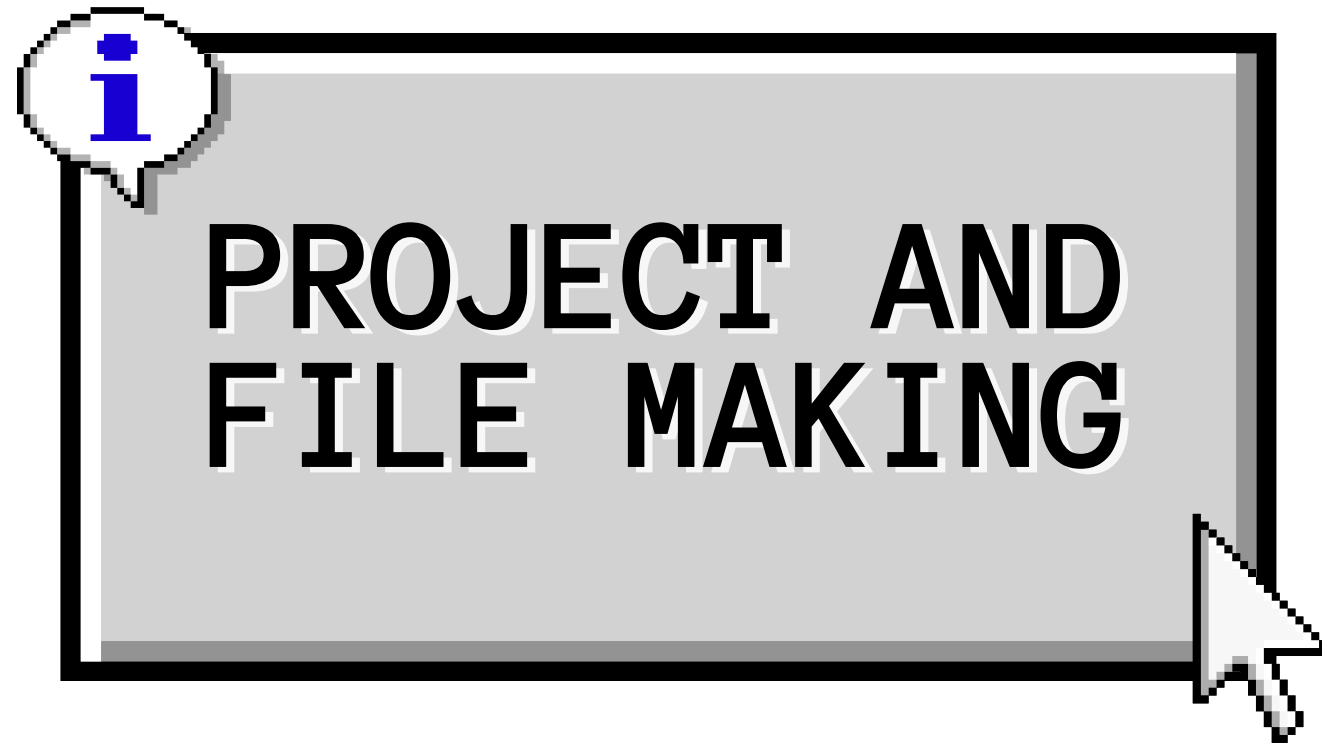


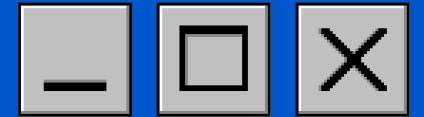


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←


No food for you

Are you hungry?


←

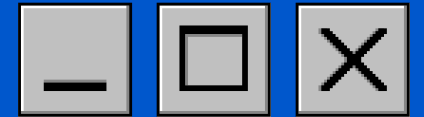
Here is your food





**DESIGN THAT
WE WILL BE
USING**





STARTING POINT



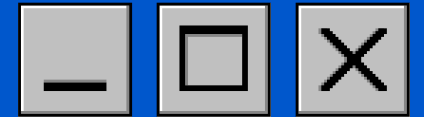
- `<!DOCTYPE html>` is the document type declaration
- `<head>` is a container for metadata
- `<title>` is shown in the browser tab
- `<link>` is to link external resources
- `href=""` is to specify the URL
- `rel=""` is to specify the relationship
- `type=""` is to specify the media type

```
<> index.html > html
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Flipped Classroom</title>
5      <link href="style.css" rel="stylesheet" type="text/css">
6    </head>
7  </html>
```

W CSS .class Selector

Flipped Classroom +





```
6 </head>
7 <body>
8   <h1>Are you hungry?</h1>
9   <div id="button">
10    <a href="yes.html" id="yes">Yes</a>
11    <a href="no.html" id="no">No</a>
12  </div>
13 </body>
14 </html>
```

**DISPLAY TEXT AND
CREATE A LINK**

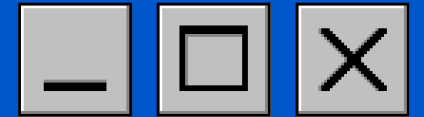


- `<body>` contains all content that is displayed
- `<h1>` - `<h6>` headers
- `<div>` container, no effect on layout until styled with css
- `id`'s are to target a specific element on the page
- `<a>` hyperlink to web pages, files, etc

Are you hungry?

[Yes](#) [No](#)





MAKING IT LOOK BETTER



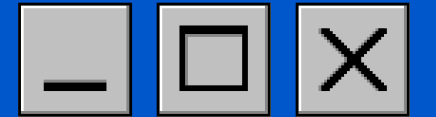
- `body{/h1` selects all html elements with this name
- `background-color` names, hex values (`#ffffff`), RGB values `rgb(255, 228, 196)`
- `rem, px, em` 16px, `em` can be affected by the font size of the parent element

```
1  body {
2      background-color: lightblue;
3      font-family: Copperplate, Papyrus, fantasy;
4  }
5
6  h1 {
7      text-align: center;
8      margin-top: 10rem;
9      font-size: 5rem;
10 }
```

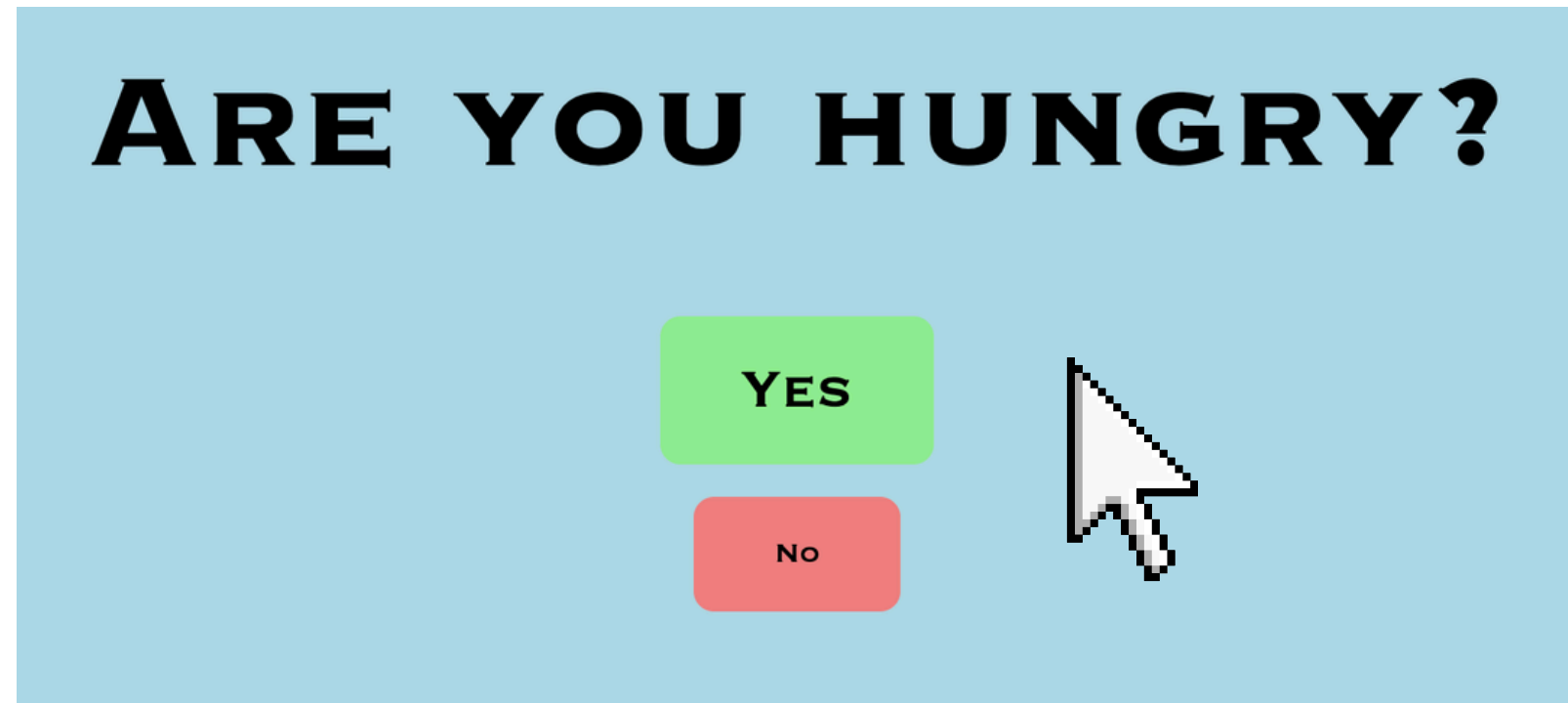
ARE YOU HUNGRY?

[YES](#) [NO](#)



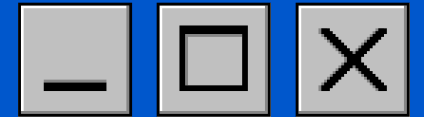


```
12 #button {
13     display: flex;
14     flex-direction: column;
15     align-items: center;
16     gap: 1rem;
17 }
18
19 #button a {
20     color: black;
21     padding: 20px 40px;
22     border-radius: 10px;
23     text-decoration: none;
24 }
25
26 #yes {
27     background-color: lightgreen;
28     font-size: 2rem;
29 }
30
31 #no {
32     background-color: lightcoral;
33     font-size: 1rem;
34 }
```



- **#button** selects the element `<div>` with specific id name
- **display: flex** allows flexible layout
- **flex-direction: column** stacks the child elements vertically
- **gap** adds space between the child elements
- **#button a** specifically selects the `<a>` element within the `#button <div>`
- **padding** used to create space around the content
- **text-decoration: none** removes the underline



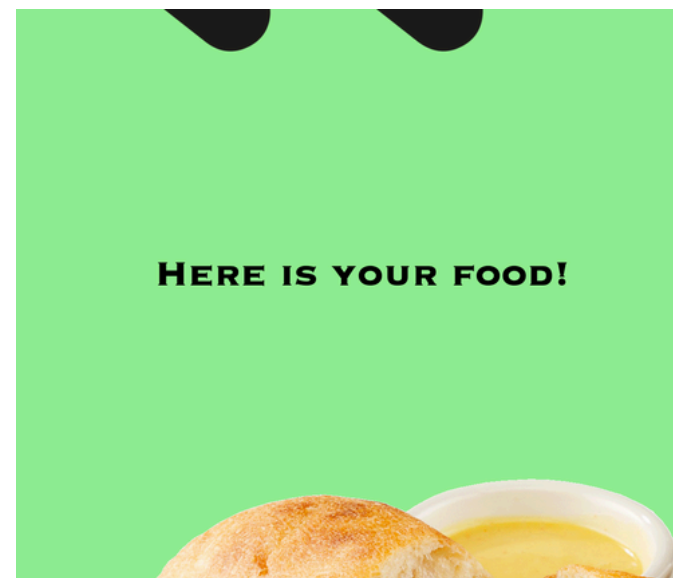


ADDING A PAGE AND IMAGES



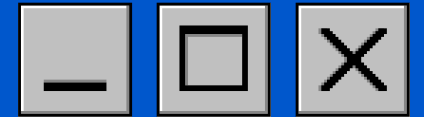
- **class** used for styling multiple elements
- **** insert images, alt shows when image can't
- **<style>** used to define css within the html document

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Hungry</title>
5     <link href="style.css" rel="stylesheet" type="text/css">
6   </head>
7   <body>
8     <a href="index.html"></a>
9     <h1 class="text">Here is your food!</h1>
10    
11  </body>
12 </html>
```



```
11 </body>
12 <style>
13   body {
14     background-color: lightgreen;
15   }
16 </style>
17 </html>
```

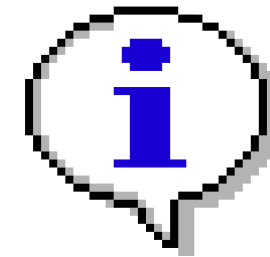




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ADDING A SECOND PAGE



NO FOOD FOR YOU!

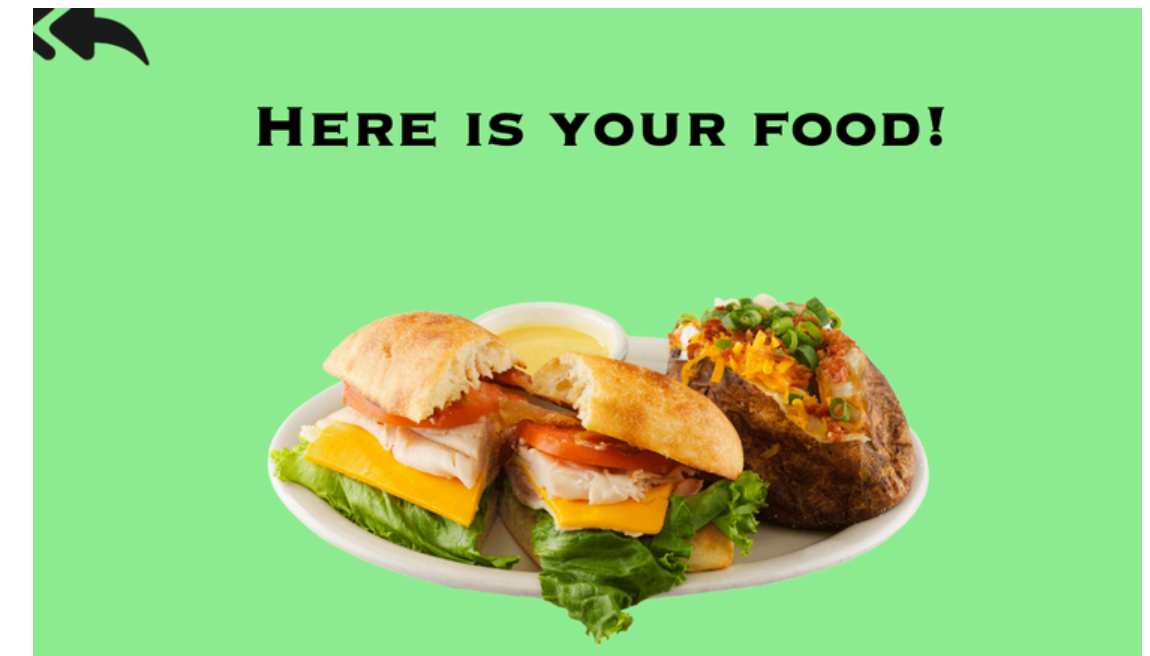
```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Not Hungry</title>
5     <link href="style.css" rel="stylesheet" type="text/css">
6   </head>
7   <body>
8     <a href="index.html"></a>
9     <h1 class="text">No food for you!</h1>
10  </body>
11  <style>
12    body {
13      background-color: lightcoral;
14    }
15  </style>
16 </html>
```



FINISHING WITH THE STYLE

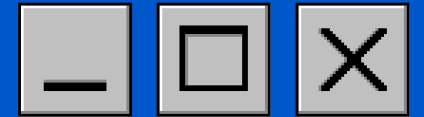


- `.text` is for the class selector
- `display: block` sets elements to display as a block-level
- `margin: auto` centers the element horizontally within its container
- `width` is the width of the image



```
6  h1 {
7    text-align: center;
8    margin-top: 10rem;
9    font-size: 5rem;
10 }
11
12 .text {
13   text-align: center;
14   margin-top: 10px;
15   font-size: 5rem;
16 }
17
18 #food {
19   display: block;
20   margin: auto;
21   width: 50rem;
22 }
23
24 .arrow {
25   display: block;
26   width: 10rem;
27 }
28
29 #button {
```





CONGRATULATIONS

You now know how to create a basic web page
with HTML and CSS

VSCode

Elena & Kim

HTML CSS

