



Advanced CSS: Example 1





HELLO!

I am Subhraneel Chowdhury

I am here because I want to give my skills for a good cause.

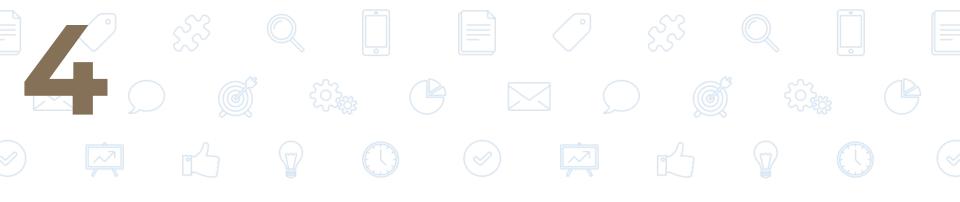
And hope you all, will be able to gain something from these sessions





In here, we will be making a HTML page with advanced CSS feature, alongside learning the functionality of each element which has been used in the webpage.



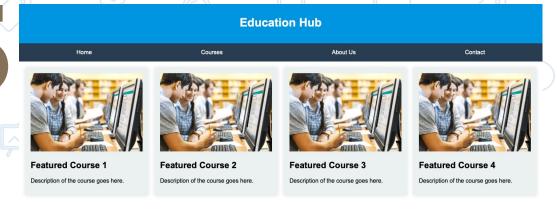


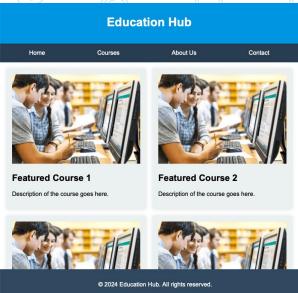
The Complete Web Page

Let's look at how the final webpage would look like



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Desktop View

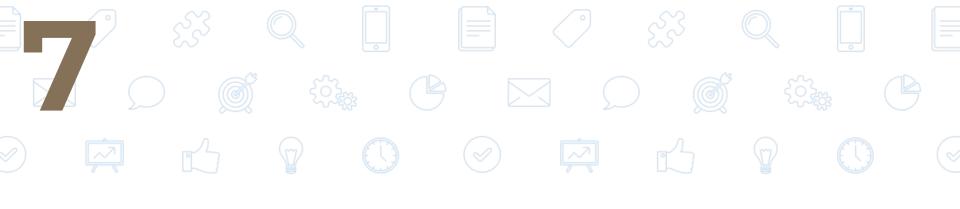
Mobile View



```
Structure
(HTML)
```

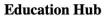
```
<header> contains <h1>
<nav> contains <a>
<main>
   <section>
       <img>
       <h2></h2>
       </section>
</main>
```





The Web Page (without CSS)



















In this example, we will be using Internal CSS, out of the three CSS insertion methods (Inline, Internal, External)

All the CSS elements will be embedded inside the style tag which would be under the head tag.





For this example, we will not be using CSS Selectors (like id or class) to represent a specific tag.

We will be using CSS directly on the HTML tag, so if the same tag name used multiple times, the CSS will be applied to all of them.





- For the body tag,
 We will be including the
 following CSS Elements:
- 1. font-family: 'Arial', sans-serif;
- 2. <u>margin</u>: 0;
- 3. padding: 0;
- 4. box-sizing: border-box;



Task 02: Header

- For the header tag,
 We will be including the
 following CSS Elements:
- 1. background-color: #3498db;
- 2. <u>color</u>: #fff;
- 3. <u>text-align</u>: center;
- 4. padding: 1rem;

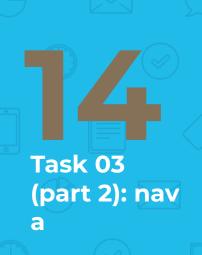




For the nav tag,
We will be including the
following CSS Elements:

- 1. display: flex;
- 2. <u>justify-content</u>: space-around;
- 3. background-color: #2c3e50;
- 4. padding: 0.5rem;





- For the nav a tag,
 We will be including the
 following CSS Elements:
- 1. color: #fff;
- 2. <u>text-decoration</u>: none;
- 3. padding: 0.5rem 1rem;





For the main tag,
We will be including the following CSS
Elements:

- display: grid;
- grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));
- 3. <u>qap</u>: 1rem;
- 4. padding: 1rem;





For the section tag,
We will be including the following CSS
Elements:

- background-color: #ecf0f1;
- 2. padding: 1rem;
- 3. <u>border-radius</u>: 8px;
- 4. <u>box-shadow</u>: 0 0 10px rgba(0, 0, 0, 0, 0.1);





For the footer tag,
We will be including the following CSS
Elements:

- background-color: #34495e;
- 2. color: #fff;
- 3. text-align: center;
- 4. padding: 1rem;
- 5. position: fixed;
- 6. bottom: 0;
- 7. width: 100%;



Responsive (Media Query)

In order to make the webpage look responsive with respect to different screen sizes, we will be adding extra CSS properties:

```
@media screen and (max-width: 768px) {
      nav {
        flex-direction: column;
        _align-items: center;
      nav a {
        margin-bottom: 0.5rem;
```