What is CSS?

 it is a language for styling HTML documents by specifying certain rules for layout. They are used to style the webpages by setting background-color, font color, font size, font family, etc. A CSS file consists of a set of rules that defines the styles for a web page. A CSS style rule is composed of **selectors** and **declarations**.

What are the 3 ways to introduce CSS styling to a site? Which is generally preferable?  
What are the three different ways to apply CSS to HTML elements? Which one takes priority?  
**Inline** - by using the style attribute inside HTML elements(single line

**Internal** - by using a <style> element in the <head> section (page)

**External** - by using a <link> element to link to an external CSS file link within the head of an HTML <head><link rel="stylesheet" href="styles.css"></head>

In what order do these 3 ways get prioritized? Inline 🡪 internal🡪 external

What are some of the selectors used in CSS?  
simple selector : based on tags(<p>), class or id( #my-id{} => id= “my-id”) and universal selector \* wild card  
combinator selector: select elements based on their relationship with other elements.

Pseudo class , pseudo element and attribute selectors

**select elements by their id =** #my-id{ } => id= “my-id”

**select elements by their class=** .my-class{ } will be applied to my-class <p class =”my-class”

**select elements by their type= h1{ } <h1> your txt </h1>**

How do CSS rules get selected when there are multiple conflicting rules?  
Author inline styles

1. Author embedded styles (aka: internal style sheets)
2. Author external style sheet
3. User style sheet
4. Default browser style sheet

Can you describe the CSS box model?  
**Content** - The content of the box, where text and images appear.

**Padding** - Clears an area around the content. The padding is transparent.

**Border** - A border that goes around the padding and content.

**Margin** - Clears an area outside the border. The margin is transparent.

**What does responsive web design mean?**   
 Designing websites to adapt to a user's device. The goal is for a website to retain its optimal usability and appearance regardless of the device it's displayed on.