Front End Technologies CSS - Day 4

Agenda

- CSS Selectors Continued
- <div> and tag



We have understood element selector, class selector and id selector, now let's see, can a html element belong to multiple classes.

Example:

```
Citicalioner Pages/Filica

Codor: plack;

background-color: red;

background-color: black;

background-color: black;

background-color: black;

background-color: ceal;

font-family: consequence;

color: white;

}

font-family: monospace;

color: make;

}

font-family: familasy;

color: nawy;

}

(Cleass-Page fonti-family: familasy;

color: nawy;

}

(Cleass-Page fonti-family-induced development is the work involved in developing a Web site for the Internet (World Wide Web) or an intranet (a private network). Web development can reage from developing a simple single static page of plain tent to complex Web-based Internet applications (Web apps), electronic businesses, and social network services. A more comprehensive list of tasks to which Web development commonly refers, any include Web engineering, Web design, Web content development, client liaison, client-side/server-side scripting, Web server and network security configuration, and e-commerce development, client liaison, client-side/server-side scripting, Web server and network security configuration, and e-commerce development, client liaison, client-side/server-side scripting, web server and network security configuration, and e-commerce development, client liaison, client-side/server-side scripting, web server and network security configuration, and e-commerce development, services. An extension of the services they provide. (/)

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```



As we can clearly see from the above output, a html element can belong to multiple classes with space separated. In the above example <p1> tag belongs to bg1 and font1 classes, <p2> tag belongs to bg2 and font2 classes and <p3> tag belongs to bg3 and font3 classes.

Example: Combining element selector with class selector

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Citilations Paged(State)

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casedpround-color: red;

build

buckground-color: black;

build

background-color: black;

build

font-funf(; cursive;

color: yellow;

color: yellow;

font-funf(; funday);

color: wallow;

font-funf(; funday);

color: may;

blaubt(

background-color: red;

color: yellow;

font-funf(); funday;

color: yellow;

color: yellow;

fort-funf(); funday;

fort-funf(); funday;

fort-funf(); funday;

fort-funf(); funday;

fort-funf(); funday;

color: yellow;

fort-funf();

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fort-funf();
```



As we can see from the above output styling of web page is done based on element and class i.e using element selector and class selector. In the above example h1 element is selected which belongs to the class web and styling of that particular element is done.

Example: Combining class selector with another class selector



In the above example, we have combined bg1 class with font1 class so html element that belongs to bg1 class and font1 class will be styled. If you can notice, first p tag is the only tag that belongs to both the classes and hence p tag gets styled.

Example: Combining id and class selector

```
climate the page of the page o
```



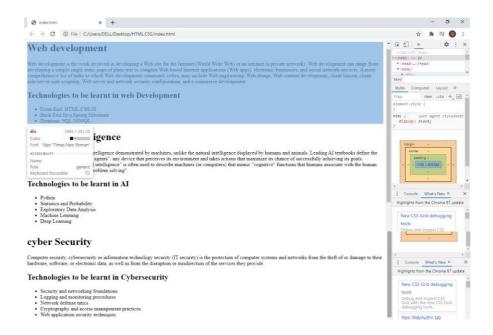
In the above example, clearly we can see styling is applied to that html element which belongs to **header2 id selector** and **ai class selector**.

<div> and tag:

<div> tag is a block type element and tag is inline type element.
The <div> tag allows you to group a set of elements together in one block-level box. The element acts like an inline equivalent of the <div> element.

Index.html

```
| Company | Comp
```



As we can see in the output, we have grouped information related to web development has one element, AI has one element and cyber Security has another element using <div> tag. Now, using this <div> tagyou can style each division differently as shown below.

Index.html

```
click/VF html>
chad)
citil=
citil=
citil=
citil=
citil=
citil=
citil=
color: yellow;
}

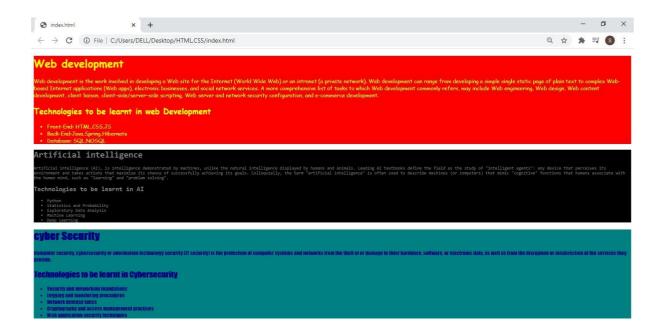
ai{
    background-color: black;
    font-family: monospace;
    color: grey;
}

color: grey;
}

color: navy;

clor: navy;

cl
```



Now, if we want to style every first line of the paragraph without the line break in the above example then first you have to group those elements then apply styling to those elements. We can do this using the tag as shown below example.

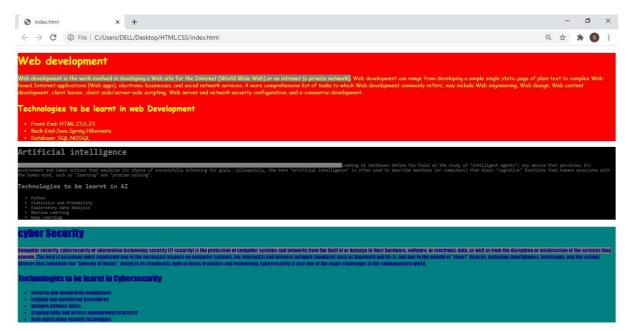
Index.html

```
tle></title>
yle type="text/css">
            background-color: red;
font-family: cursive;
            backaround-color: black:
            color: grey;
             background-color: teal;
            font-family: fantasy;
color: navy;
      }
.firstline{
            background-color: grey;
      Front-End: HTML,CSS,JS
           <div class="ai">
     <h1 >Artificial intelligence</h1>

    And Initial Intelligence (AI), is intelligence demonstrated by machines, unlike the natural intelligence displayed by humans and animals. 

    Aspan Leading AI textbooks define the field as the study of "intelligent agents": any device that perceives its environment and takes actions that maximize its chance of successfully achieving its goals. Colloquially, the term "artificial intelligence" is often used to describe

     machines (or computers) that mimic "cognitive" functions that humans associate with the human mind, such as "learning" and "problem solving".
     <h2>Technologies to be learnt in AI</h2>
         Python
          Statistics and Probability
          Li>Exploratory Data Analysis
          Machine Learning
           Deep Learning
    <h1>cyber Security</h1>
               an class="firstline":Computer security, cybersecurity or information technology security (IT security) is the protection of computer systems and
    networks from the theft of or damage to their hardware, software, or electronic data, as well as from the disruption or misdirection of the services they provide. (Ispan) The field is becoming more significant due to the increased reliance on computer systems, the Internet[2] and wireless network standards such as Bluetooth and Wi-Fi, and due to the growth of "smart" devices, including smartphones, televisions, and the various devices that constitute the "Internet of things". Owing to its complexity, both in terms of politics and technology, cybersecurity is also one of the major challenges in the contemporary world. (Ip)
     <h2>Technologies to be learnt in Cybersecurity</h2>
         Security and networking foundations
          Logging and monitoring proceduresAli>Network defense tatics
          Cryptography and access management practicesWeb application security techniques
```



Thus, using the ** tag** we have styled the first line of every paragraph without the line break.