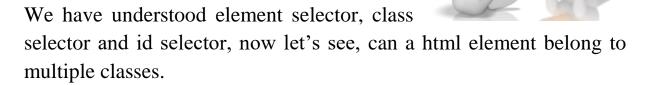
# Front End Technologies CSS - Day 4

# **Agenda**

- CSS Selectors Continued
- <div> and <span> tag



# **Example:**

```
clilcHome Pages/lile>
clilcHome
clilcHome Pages/lile>
clilcHome
color: black;
bockground-color: red;
bask(
bockground-color: black;
bask(
bockground-color: teal;
}
color: shifte;
}
color: shifte;
}
color: shifte;
}
color: shifte;
}
color: nony;
clilcHome
color: shifte;
}
color: nony;
clilcHome
color: shifte;
}
color: nony;
clilcHome
color: shifte;
color: shifte;
}
color: nony;
```



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**

```
| Close | Compared | C
```



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**

```
city in these Page //isis>
city in these Page //isis>
city in the Page //isis>
color: black;
background-color: black;
background-color: black;
background-color: teal;
}
font: {
font: {
font: size: 259: {
background-color: red;
background-color: red;
background-color: red;
background-color: red;
background-color: red;
background-color: red;
background-color: font: {
font: {
font: font: {
font: {
font: font: {
font: {
font: {
font: {
fo
```



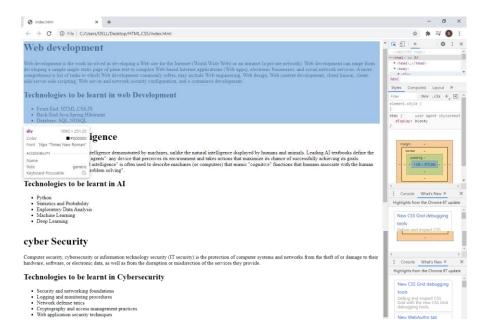
In the above example, clearly we can see styling is applied to that html element which belongs to **header2 id selector** and **ai class selector**.

### <div> and <span> tag:

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

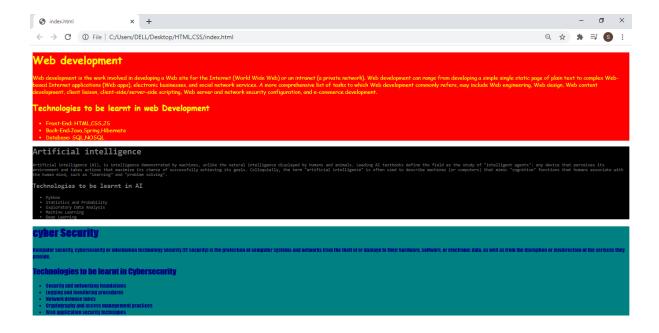
### Index.html

```
| Climate | Columbia |
```



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> tag you can style each division differently as shown below.

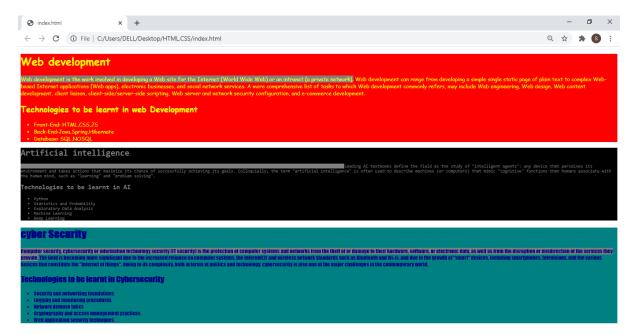
### **Index.html**



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 <span> tag as shown below example.

### Index.html

```
le type="text/css">
        background-color: red;
        background-color: black;
        color: grey;
        background-color: teal;
    }
.firstline{
        background-color: grey;
ody>
<div class="web">
    Front-End: HTML,CSS,JS
        >Back-End: Java, Spring, Hibernate>Database: SQL, NOSQL
<div class="ai">
   <h1 >Artificial intelligence</h1>
   <h2>Technologies to be learnt in AI</h2>
      Python
       Statistics and Probability
       Exploratory Data Analysis
       Machine Learning
       Deep Learning
</div>
<div class="cs">
   <h1>cyber Security</h1>
         pan 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.</span> 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.
   <h2>Technologies to be learnt in Cybersecurity</h2>
      Security and networking foundations
       Logging and monitoring procedures
       Network defense tatics
      Cryptography and access management practices
li>Web application security techniques
```



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