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Selectors

Selectors

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Your Notes

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CSS Selectors

CSS Selectors

- The style can be applied to HTML elements by using their tag name (h1 /h6 /p), id's and class names.

- Declarations are a fundamental part of CSS because they apply a style to a selected element.

- A selector is used to target the specific HTML element(s) to be styled by the declaration.

Importance of CSS → CSS Syntax → **CSS Selectors** → Measurement Units

CSS Selector - Type Selector

CSS Selector - Universal Selector

some example of type selector or universal selector

CSS Selector - Class Selector

CSS Selectors - Class Selector

- HTML elements have class attributes, which is the most common way to select an element.

- Same class name can be used to multiple elements so the styles can be reused.

- To select a class name in the CSS **.** has to be prepend with the class name.

```
<h1 class="color">Styles</h1>
<p class="color">This code will make you understand about class selectors</p>
```

```
.color{
  color: ■teal;
}
```

Styles

This code will make you understand about class selectors

| Importance of CSS | CSS Syntax | **CSS Selectors** | Measurement Units |

CSS Selectors - Class Selector

Same class name can be used to multiple elements, similarly multiple class names can be given to the same element.

```
<h1 class="color">Styles</h1>
<p class="color bold">This code will make you understand about class selectors</p>
```
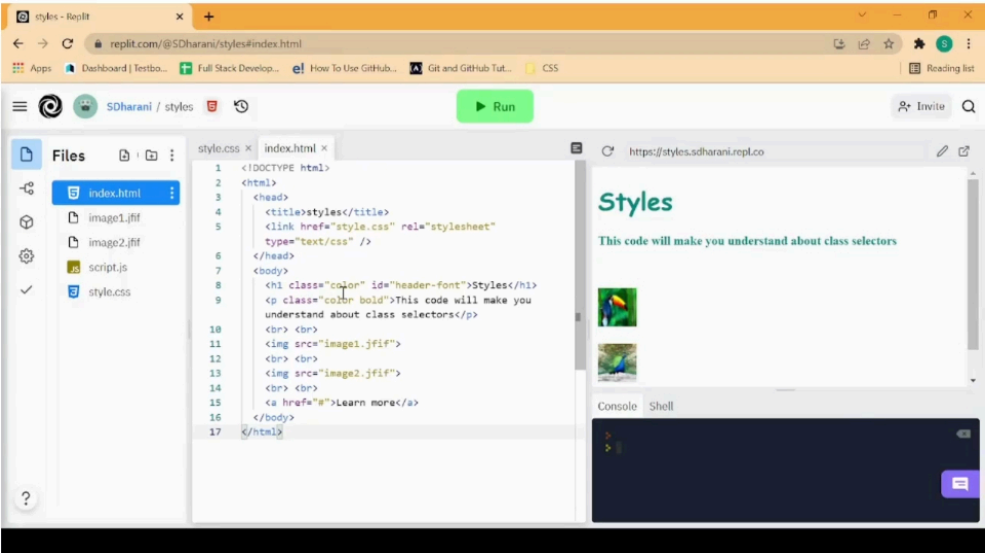
```
.bold{
  font-weight: bold;
}
```

Styles

This code will make you understand about class selectors

| Importance of CSS | CSS Syntax | **CSS Selectors** | Measurement Units |

```
<!DOCTYPE html>
<html>
  <head>
    <title>styles</title>
    <link href="style.css" rel="stylesheet"
    type="text/css" />
  </head>
  <body>
    <h1 class="color" id="header-font">Styles</h1>
    <p class="color bold">This code will make you
    understand about class selectors</p>
    <br> <br>
    <img src="image1.jfif">
    <br> <br>
    <img src="image2.jfif">
    <br> <br>
    <a href="#">Learn more</a>
  </body>
</html>
```
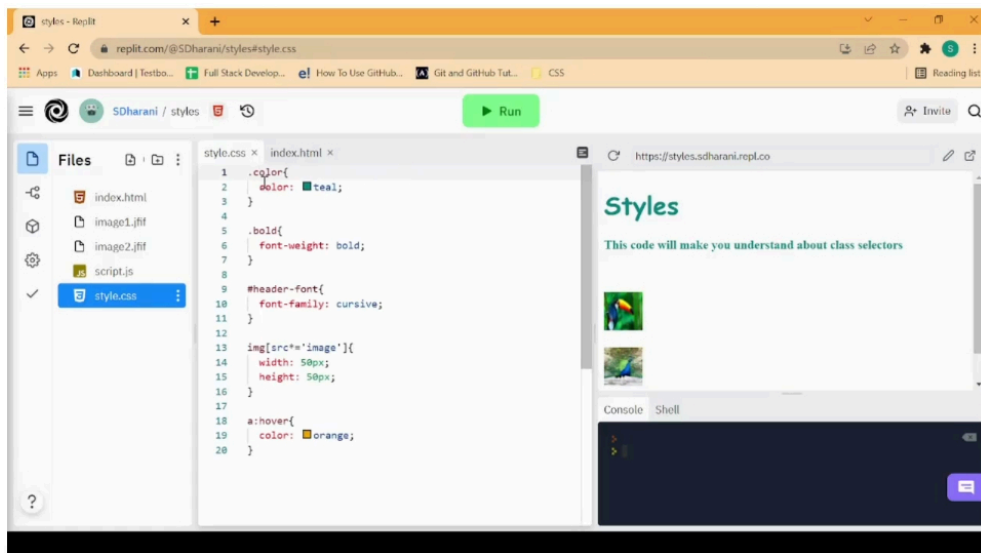
CSS Selector - Id Selector

CSS Selector - Attribute Selector
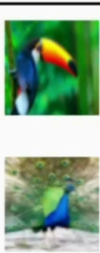
CSS Selector - Pseudo Class

Measurement Units

Measurement Units   **skill** academy
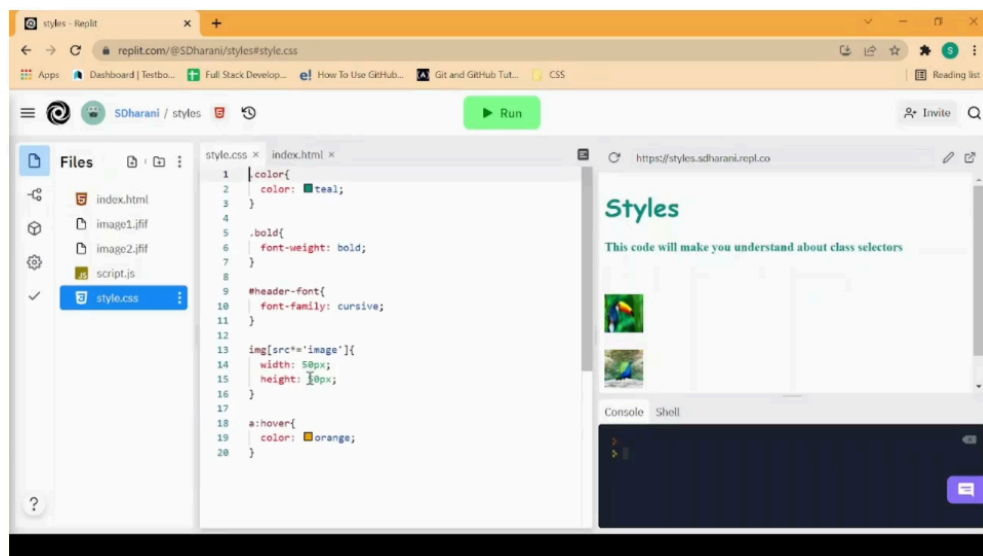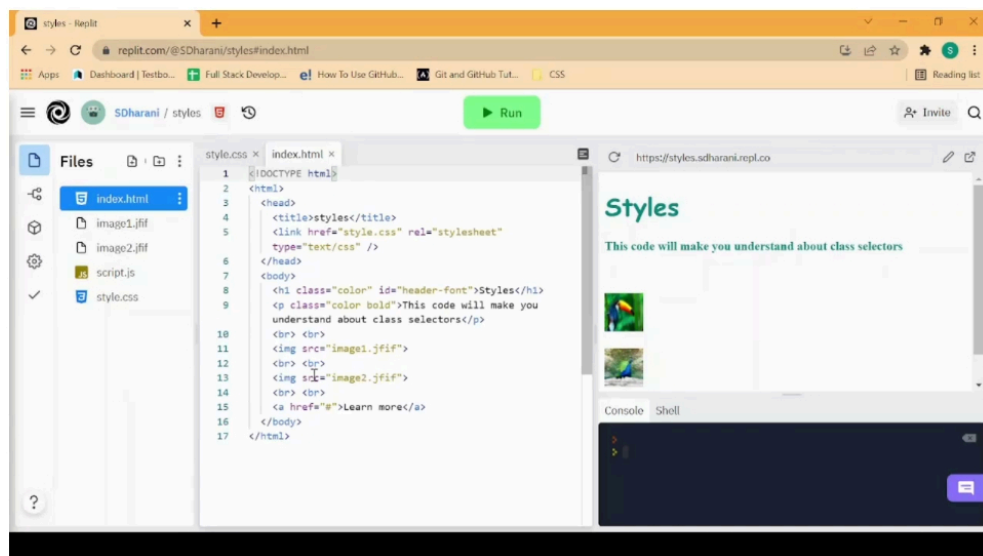
CSS supports absolute units(inches, cm, points) and relative units(%, em). The following table describes some important units involved in CSS with examples.

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Measurement Units   **skill** academy

CSS supports absolute units(inches, cm, points) and relative units(%, em). The following table describes some important units involved in CSS with examples.
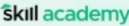
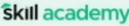| Unit	Description	Example
%	Defines a measurement as a percentage relative to another value, typically an enclosing element.	p {font-size: 16pt; line-height: 125%;}
cm	Defines a measurement in centimeters.	div {margin-bottom: 2cm;}

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Unit	Description	Example
em	A relative measurement for the height of a font in em spaces. Because an em unit is equivalent to the size of a given font, if you assign a font to 12pt, each "em" unit would be 12pt; thus, 2em would be 24pt.	p {letter-spacing: 7em;}
ex	This value defines a measurement relative to a font's x-height. The x-height is determined by the height of the font's lowercase letter x.	p {font-size: 24pt; line-height: 3ex;}
in	Defines a measurement in inches.	p {word-spacing: .15in;}

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Measurement Units

Unit	Description	Example
mm	Defines a measurement in millimeters.	p {word-spacing: 15mm;}
pc	Defines a measurement in picas. A pica is equivalent to 12 points; thus, there are 6 picas per inch.	p {font-size: 20pc;}
pt	Defines a measurement in points. A point is defined as 1/72nd of an inch.	body {font-size: 18pt;}
px	Defines a measurement in screen pixels.	p {padding: 25px;}

Importance of CSS ⟩ CSS Syntax ⟩ CSS Selectors ⟩ **Measurement Units**

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