



Types of Selectors

- **Selectors are used in CSS for selecting an element of HTML document.**
- **There are three types of selectors :**
 - 1. Element Selector.
 - 2. Class Selector.
 - 3. ID Selector.

Note: These are also know as Basic Selectors.

Element Selector:

Code:

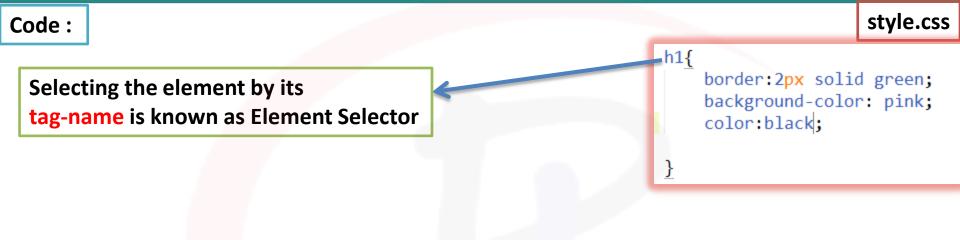
index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>CSS Selectors</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
    <h1>Hey Prologians, We are studting CSS Selectors</h1>
    <h1>These are also known as Basic CSS Selectors .....Cheers</h1>
</body>
</html>
```





Types of Selectors



Output:

Hey Prologians, We are studting CSS Selectors

These are also known as Basic CSS SelectorsCheers











Types of Selectors

Class Selector:

```
❖ It is used in the HTML document as an class attribute with the tag.
                  Class Selector 
❖ It is defined using (.) dot in the CSS.
         Like:
                  .prolog { color: blue; }
! It can be used with multiple tags.
```

Example 1:

```
index.html
```

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>CSS Selectors</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
    <h1 class="prolog">Hey Prologians, We are studting CSS Selectors</h1>
    <h1>These are also known as Basic CSS Selectors .....Cheers</h1>
</body>
</html>
```

Style.css

```
.prolog{
   border:2px solid green;
   background-color: pink;
   color:black;
```











Types of Selectors

Output:

Hey Prologians, We are studting CSS Selectors

These are also known as Basic CSS Selectors Cheers

Example 2 : Same Class can be applied on multiple selectors

index.html

Output:

Hey Prologians, We are studting CSS Selectors

These are also known as Basic CSS SelectorsCheers

These are also known as Basic CSS SelectorsCheers



PROLOG ACADEMY







Types of Selectors

ID Selector:

```
❖ It is used in the HTML document as an ID attribute with the tag.
Like:  Class Selector
```

- ❖ It is defined using (#) hash in the CSS.
- Like: #prolog { color: blue; }
- **❖** It must be unique, it means that, it should be used only at one place.

Code

```
index.html
```

Style.css

```
prolog{
    border:2px solid green;
    background-color: pink;
    color:black;
}
```











Types of Selectors

Output:

Hey Prologians, We are studting CSS Selectors

These are also known as Basic CSS SelectorsCheers

Question: Difference between Class and ID?

- Class can be used with multiple tags.
- Class need not to be unique.
- **❖** ID must be used with only one single tag.
- It should be unique.







8800828248

HTML List

There are two types of List:

- 1. Ordered list < 0 >
- 2. Unordered list <U>
- **❖** Every list elements are defined within **< i>≥** tag.

index.html **Ordered List** Output: Example 1: <!DOCTYPE html> <html lang="en"> Courses By Default, sequencing <head> <meta charset="UTF-8"> is done in Integer <title>HTML List</title> </head> **Numbers** <body> <h4>Courses</h4> <01> We can change the type C Web Development of sequencing by type C++ Web Development attribute with the Core Java Core Java Advanced Java tag. Advanced Java </body> Continue... </html> MOHD.TAUSIF RAZA PROLOG ACADEMY





HTML List

```
Example 2 : type="1"
                index.html
<body>
  <h4>Courses</h4>
  type="1">
     C
     C++
     Web Development
     Core Java
     Advanced Java
  </body>
```

Courses

Output:

1. C

2. C++

Web Development

4 Core Java

Advanced Java

Example 3: type="A"

Courses

A. C

B. C++

C. Web Development

D Core Java

E. Advanced Java

Example 5 : type="I"

Courses

I. C

II. C++

III. Web Development

IV. Core Java

V. Advanced Java

Example 4 : type="a"

Courses

a C

b. C++

c. Web Development

d Core Java

Advanced Java

Example 6 : type="i"

Courses

i. C

ii C++

iii. Web Development

iv Core Java

v. Advanced Java









HTML List

Example 7: Nested List

index.html

```
<body>
  <h4>Courses</h4>
  type="1">
    C
    C++
    Web Development

    type="I">

         Photoshop
         HTML5
         CSS3
         Bootstrap
         JavaScript
         jQuery
         Ajax
         JSON
      Core Java
    Advanced Java
  </body>
```

Output

Courses

- 1. C 2. C++ Web Development I. Photoshop II. HTML5 III CSS3
 - IV. Bootstrap V. JavaScript VI. jQuery VII. Ajax
 - VIII. JSON
- 4. Core Java
- Advanced Java











HTML List

Unordered List

Code:

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="utf-8">
   <title>HTML List</title>
   <title></title>
</head>
<body>
   <h4>Courses</h4>
   <l
      C
      C++
      Web Development
      Core Java
      Advanced Java
   </body>
</html>
```

Output:

Courses

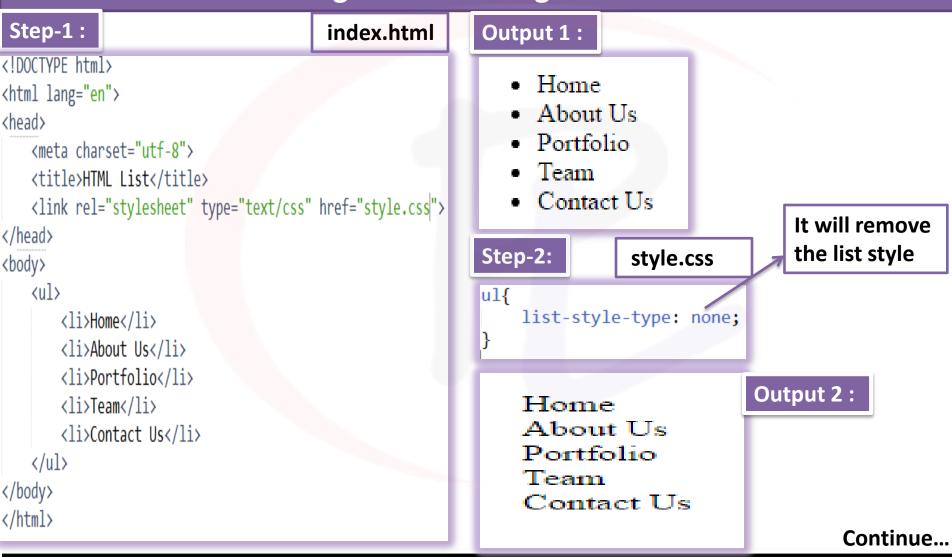
- C++
- Web Development
- Core Java
- Advanced Java







Navigation Bar Using HTML List



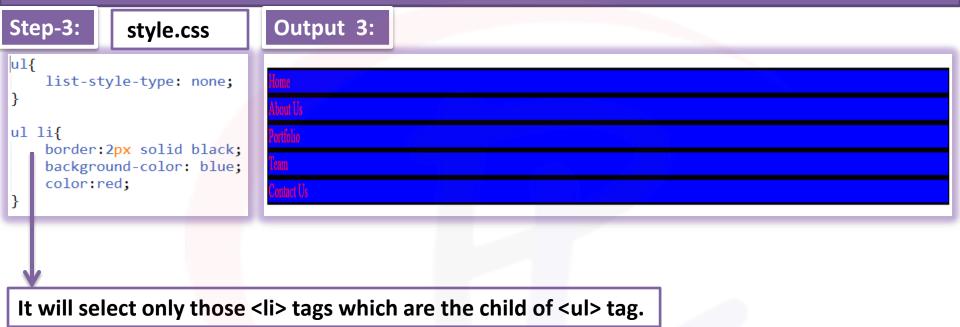








Navigation Bar Using HTML List













Navigation Bar Using HTML List

```
Step-4:
                     style.css
ul{
    list-style-type: none;
ul li{
    border:2px solid black;
    background-color: blue;
    color:red;
    padding: 10px;
Output 4:
```

Add padding to each

But wait! This Navigation Bar Covers the whole width of the browser.

Because is a block level Element.

Let's Change it into inline-level element.









Navigation Bar Using HTML List

