

More on CSS selectors

Assignment

Q1. For the given index.html file. Perform the following task, without changing the index.html file.

Ans:- <!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Combination Selector</title>

<link rel="stylesheet" href="./style.css">

</head>

<body>

<header>

<nav>

<h2>TOI</h2>

<div>

<h2>Menu</h2>

Home

About

Services

Contact

</div>

<p>The Times of India</p>

<p>Lorem, ipsum dolor sit amet consectetur adipisicing elit. Officiis, dicta et obcaecati beatae nisi similique eos eligendi nobis saepe cum maiores voluptate, quis est odio maxime id atque reiciendis rerum quaerat libero impedit? Dicta, laudantium accusamus aliquid consequuntur incidunt a quas suscipit, ullam mollitia voluptates animi tenetur nam explicabo deserunt.</p>

<p>read article</p>

</nav>

</header>

</body>

</html>

Style.css

/* solution B.a */

```
nav a{  
    color: red;  
}
```

/* solution B.b */

```
nav > h2{  
    background-color: blueviolet;  
    color: #ffffff;  
}
```

```
/* solution B.c */
```

```
div + p {  
    color: red;  
}
```

```
/* solution C.a */
```

```
a[href] {  
    color: red;  
    text-decoration: none;  
}
```

```
/* solution C.b */
```

```
a[class="active"]{  
    color: blue;  
    text-decoration: underline;  
}
```

```
/* solution C.c */
```

```
a[target="_self"]{  
    background-color: yellow;  
}
```

```
/* solution D.a */
```

```
p:last-child::after{
```

```
    content: "...";  
}
```

```
/* solution D.b */
```

```
li::marker{  
    color:green  
}
```

```
/* solution D.c */
```

```
p:nth-child(even)::first-letter{  
    font-size: 2em;  
    color: green;  
}
```

Q2. Create a CSS file and link it to the provided HTML file below, use any of the combinator class selectors to style the navigation menu as follows –

Ans:- <!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Navigation</title>

<link rel="stylesheet" href="./style.css">

</head>

```
<body>
  <header>
    <nav>
      <ul>
        <li><a href="#">Home</a></li>
        <li><a href="#">About</a></li>
        <li><a href="#">Services</a></li>
        <li><a href="#">Porfolio</a></li>
        <li><a href="#">Contact</a></li>
      </ul>
    </nav>
  </header>
  <main>
    <!-- main content here... -->
  </main>
</body>
</html>
```

Style.css

```
/* task one */

ul li a{
  list-style: none;
  text-decoration: none;
}

/* task two */
```

```
ul>li{  
    display: inline;  
}
```

```
/* task three */
```

```
li + li{  
    margin: 10px;  
}
```

Q3. Using any of the Pseudo element selectors, add any random words after and before the given HTML tag.

Ans:- <!DOCTYPE html>

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-  
scale=1.0">
```

```
    <title>Pseudo Element</title>
```

```
    <link rel="stylesheet" href="./style.css">
```

```
</head>
```

```
<body>
```

```
    <h1>-element-</h1>
```

```
</body>
```

```
</html>
```

Style.css

```
h1::before{
```

```
    content: "Pseudo";  
}
```

```
h1::after{  
    content: "selector";  
}
```

Q4. Using any of the Pseudo element selectors, add any random words after and before the given HTML tag.

Ans:- <!DOCTYPE html>

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-  
scale=1.0">
```

```
    <title>Hover</title>
```

```
    <link rel="stylesheet" href="./style.css">
```

```
</head>
```

```
<body>
```

```
    <div class="btn">PW Skills</div>
```

```
</body>
```

```
</html>
```

Style.css

```
*{
```

```
    margin: 0;
```

```
    box-sizing: border-box;
```

```
padding: 0;

font-family:'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande',
'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
}
```

```
.btn{
margin: 20px;
display: inline-block;
padding: 12px 30px;
background-color: rgb(43, 99, 253);
color: #ffffff;
font-size: 1.2em;
border-radius: 5px;
}
```

```
.btn:hover{
background-color: rgb(73, 121, 253);
cursor: pointer;
transform: scale(1.02);
box-shadow: 5px 5px 5px #21212137;
}
```

Complete