More on CSS - Answers

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

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width,
initial-scale=1.0" />
        <title>Test</title>
        <link rel="stylesheet" href="index.css">
    </head>
    <body>
        <header>
            <nav>
                <h2>TOI</h2>
                <div>
                    <h2>Menu</h2>
                    <ul>
                        <li><a href="#"
target="_blank">Home</a></li>
                        <li><a href="#" class="active"
target="_self">About</a></li>
                        <li><a href="#"
target="_blank">Services</a></li>
                        <li><a href="#"
target="_blank">Contact</a></li>
                    </ul>
                </div>
                <p>The times of India</p>
                <p>
                    Lorem ipsum dolor sit amet consectetur
adipisicing elit. Consequatur, maxime a. Deserunt distinctio
doloremque repudiandae excepturi fugit repellat nostrum culpa!
                </p>
                <p>read articles</p>
            </nav>
        </header>
    </body>
```
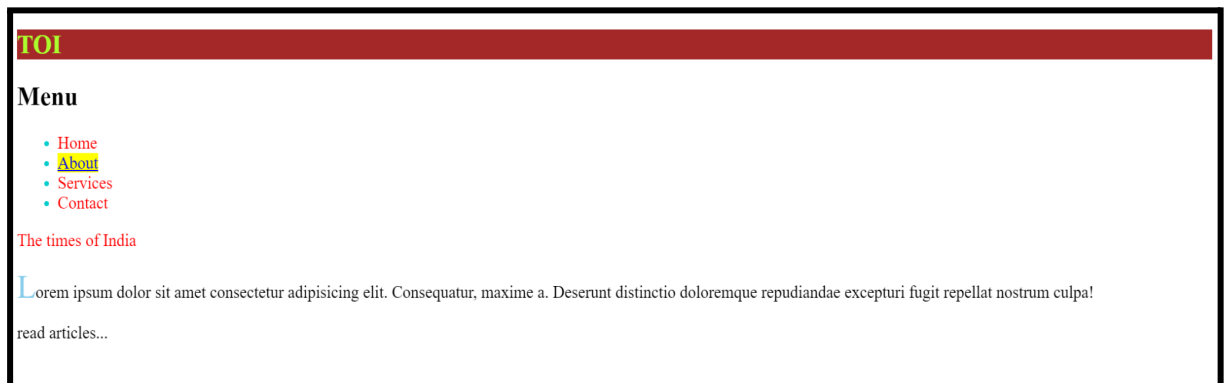
```html
</html>
```

CSS:

```css
/* Combinator Selectors */
li a{
    color:red;
}
nav > h2{
    background-color: brown;
    color:greenyellow;
}
div + p{
    color:red;
}
/* Attribute Selector */
a[href]{
    color:red;
    text-decoration: none;
}
a[class=active]{
    color:blue;
    text-decoration: underline;
}
a[target=_self]{
    background-color:yellow;
}
/* Pseudo Selector */
p:last-child::after{
    content: "...";
}
ul li::marker{
    color:darkturquoise;
}
p:nth-of-type(2):first-letter{
    color:skyblue;
    font-size:30px;
}
```

TOI

Menu

- Home
- About
- Services
- Contact

The times of India

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read articles...

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2. 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 -

HTML Given:

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width,
initial-scale=1.0" />
<title>Styled Navigation Menu</title>
<link rel="stylesheet" href="index.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="#">Portfolio</a></li>
<li><a href="#">Contact</a></li>
</ul>
</nav>
</header>
<main>
<!-- Your content here -->
</main>
</body>
```
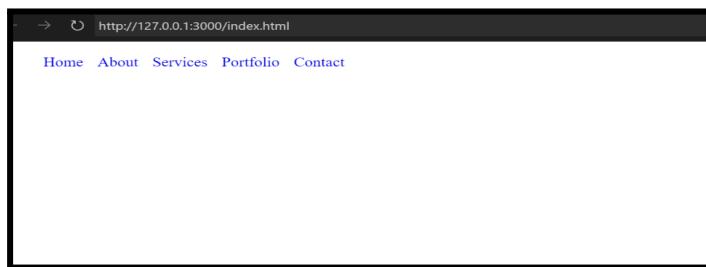
```
</html>
```

```
li a{
    text-decoration: none;
}
ul li{
    list-style: none;
}
ul > li{
    display:inline;
}
li + li {
    margin-left:10px;
}
```

OUTPUT:

```
→  ↻  http://127.0.0.1:3000/index.html

    Home   About   Services   Portfolio   Contact
```

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

HTML:

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

CSS:

```
h1::before{
    content: 'Before ';
    color:red;
}
h1::after{
    content:' After';
    color:blue;
```

```
}
```

```
←  →  ↻   http://127.0.0.1:3000/index.html

Before - element - After
```

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

HTML:
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Pseudo selectors</title>
    <link rel="stylesheet" href="index.css">
</head>
<body>
    <button>
        PW Skills
    </button>
</body>
</html>
```
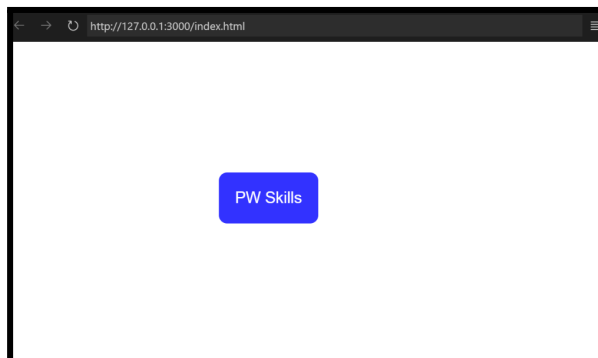
CSS:
```css
button{
    position:relative;
    top:150px;
    left:250px;
    padding: 20px;
    font-size: 1.2em;
    background-color: rgba(0, 0, 255, 0.793);
    color:white;
    border: 0px;
    border-radius: 10px;
}
```

```
button:hover{
    box-shadow: 2px 4px 20px rgba(0, 0, 255, 0.5);
    cursor: pointer;
}
```

OUTPUT:

Without Hover:

With Hover: