

ASSIGNMENT 02

Index.html

```
<!DOCTYPE html>

<html>

<head>

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

</head>

<body>


<!-- Question 1 -->

<h1>About Us</h1>

  <p>We are a team of developers building cool stuff.</p>


<!-- Question 2 -->

<nav>

  <a href="#">Home</a>

  <a href="#">About</a>

  <a href="#">Contact</a>

</nav>


<!-- Question 3 -->

<div class="box">This is a styled box.</div>
```

<!-- Question 4 -->

<button class="btn">Submit</button>

<!-- Question 5 -->

<div class="container">

<div>Item 1</div>

<div>Item 2</div>

<div>Item 3</div>

</div>

<!-- Question 6 -->

<div class="card">

<h3>Product Title</h3>

<p>Some product description goes here.</p>

</div>

<!-- Question 7 -->

<table>

<tr><td>Row 1</td></tr>

<tr><td>Row 2</td></tr>

<tr><td>Row 3</td></tr>

<tr><td>Row 4</td></tr>

</table>

```
<!-- Question 8 -->
<div class="image-container">
    
    <span class="badge">New</span>
</div>
```

```
<!-- Question 9 -->
<h1 class="title">Responsive Heading</h1>
```

```
<!-- Question 10 -->
<nav>
    <a href="#" class="active">Home</a>
    <a href="#">About</a>
    <a href="#">Services</a>
</nav>
```

```
</body>
</html>
```

Style.css

```
/* Question 1 */
h1 {
```

```
    text-align: center;
}
```

```
p {
    color: darkgray;
    font-size: 20px;
}
```

```
/* Question 2 */
```

```
nav a {
    text-decoration: none;
    color: darkblue;
    margin-right: 10px;
}
```

```
nav a:hover {
    color: orange;
}
```

```
/* Question 3 */
```

```
.box {
    background-color: lightgray;
    padding: 20px;
    border: 1px solid black;
}
```

```
/* Question 4 */
```

```
.btn {  
  border-radius: 10px;  
  padding: 10px 20px;  
  background-color: #007BFF;  
  color: white;  
  border: none;  
}
```

```
/* Question 5 */
```

```
.container {  
  display: flex;  
  justify-content: space-between;  
}
```

```
/* Question 6 */
```

```
.card {  
  border: 1px solid #ccc;  
  padding: 20px;  
  transition: box-shadow 0.3s ease;  
}  
.card:hover {  
  box-shadow: 0 4px 8px rgba(0,0,0,0.2);  
}
```

```
/* Question 7 */
```

```
tr:nth-child(even) {  
    background-color: #f2f2f2;  
}  
tr:nth-child(odd) {  
    background-color: #ffffff;  
}
```

```
/* Question 8 */
```

```
.image-container {  
    position: relative;  
    display: inline-block;  
}  
.badge {  
    position: absolute;  
    top: 10px;  
    right: 10px;  
    background-color: red;  
    color: white;  
    padding: 5px;  
    border-radius: 5px;  
}
```

```
/* Question 9 */
```

```
.title {  
    font-size: 32px;
```

```
}  
@media (max-width: 600px) {  
  .title {  
    font-size: 20px;  
  }  
}
```

/* Question 10 */

```
nav {  
  display: flex;  
  gap: 15px;  
}  
nav a {  
  text-decoration: none;  
  padding-bottom: 5px;  
}  
nav a.active {  
  border-bottom: 2px solid blue;  
}
```

OUTPUT

