

ASSIGNMENT: Build a Responsive and Dynamic Progress Bar with HTML, CSS, and JavaScript

HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>PROGRESS BAR</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="container">
    <h1>RESPONSIVE AND DYNAMIC PROGRESS BAR</h1>
    <div id="stepProgressBar">

      <!-- dummy button and grey line -->
      <div class="step">
        <div class="bullet grey zero"></div>
        <br>
        <p class="step-text"></p>
      </div>

      <div class="step">
        <div class="bullet grey">1</div>
        <br>
        <p class="step-text">One</p>
    </div>
  </div>
</body>
</html>
```

```
</div>
<div class="step">
  <div class="bullet grey">2</div>
  <br>
  <p class="step-text">Two</p>
</div>
<div class="step">
  <div class="bullet grey">3</div>
  <br>
  <p class="step-text">Three</p>
</div>
<div class="step">
  <div class="bullet grey">4</div>
  <br>
  <p class="step-text">Complete</p>
</div>
</div>

<div id="main">
  <br>
  <p id="content">Start</p>
  <button id="previousBtn" disabled>Back</button>
  <button id="nextBtn">Next</button>
</div>
</div>

<script src="app.js"></script>
</body>
</html>
```

CSS CODE:

```
.hidden{
    display: none;
}

body{
    background-color: beige;
}

h1{
    color: navy;
}

button{
    padding: 5px 10px;;
    border: 1px solid black;
    transition: 250ms background-color;
    border-radius: 10%;
}

button:hover{
    cursor: pointer;
    background-color: rgb(43, 130, 230);
    color: white;
}

button:disabled:hover{
    opacity: 0.6;
    cursor: not-allowed;
}

.container{
    max-width: 400px;
    margin-left: 20% ;
    margin-top: 20px;
    padding: 40px;
    font-weight: bold;
}
```

```
#stepProgressBar{
  display: flex;
  width: auto;
  margin: 0 auto;
  margin-bottom: 40px;
  justify-content: space-between;
  align-items: flex-end;
}

.step{
  text-align: center;
}

.step-text{
  position: absolute;
  margin-top: 20px;
}

.bullet{
  height: 20px;
  width: 20px;
  border-radius: 100%;
  border: 2px solid gray;
  color: green;
  display: inline-block;
  position: absolute;
  transition: background-color 500ms;
  line-height: 20px;
}

.bullet.zero{
  height: 20px;
  width: 20px;
  border-radius: 100%;
  border: 1px solid beige;
  color: beige;
  display: inline-block;
  position: absolute;
  transition: background-color 500ms;
}
```

```
    line-height: 20px;
}

.bullet.completed {
    color: white;
    background-color: green;
}

.bullet.zero.completed{
    background-color: beige ;
}

.bullet.zero.completed::after{
    background-color: rgb(43, 130, 230);
}

.bullet.completed::after{
    content: '';
    position: absolute;
    width: 79px;
    margin-left: 5px;
    background-color: rgb(43, 130, 230);
    border-radius: 10px;
    height: 10px;
    bottom: 5px;
}

.bullet.grey {
    color: beige;
}

.bullet.grey::before{
    content: '';
    position: absolute;
    width: 78px;
    margin-left: 17px;
    background-color: lightgray;
    height: 10px;
    bottom: 5px;
    border-radius: 10px;}
```

JAVASCRIPT CODE:

```
let previousBtn = document.getElementById('previousBtn');
let nextBtn = document.getElementById('nextBtn');
let content = document.getElementById('content');
let bullets = [...document.querySelectorAll('.bullet')];
let texts = [...document.querySelectorAll('.step-text')];

const MAX_STEP = 5;
let current_step = 1;
let arr = ["Start", "One", "Two", "Three", "Complete"];

// NEXT BUTTON
nextBtn.addEventListener('click', function () {
    const curr_bullet = bullets[current_step - 1];
    texts[current_step - 1].style.color = 'green';
    curr_bullet.classList.add('completed');
    curr_bullet.innerHTML = '&#10003;';
    current_step++;
    previousBtn.disabled = false;

    if( current_step <= MAX_STEP)
    {
        texts[current_step - 1].style.color = 'rgb(43, 130, 230)';
        content.innerText = `Step ${arr[current_step - 1]}`;
    }

    if( current_step > MAX_STEP )
    {
        nextBtn.disabled = true;
        content.innerText = `TASK COMPLETED`;
    }
});

// PREVIOUS BUTTON
previousBtn.addEventListener('click', function() {
    const prev_bullet = bullets[current_step - 2];
```

```
if( current_step > MAX_STEP )
{
    texts[current_step - 2].style.color = 'rgb(43, 130, 230)';
}
else
{
    texts[current_step - 2].style.color = 'rgb(43, 130, 230)';
    texts[current_step - 1].style.color = 'black';
}
prev_bullet.classList.remove('completed');
current_step--;
nextBtn.disabled = false;
if( current_step == 1)
{
    previousBtn.disabled = true;
    content.innerHTML = `${arr[current_step - 1]}`;
}
else
{
    content.innerHTML = `Step ${arr[current_step - 1]}`;
}
});
```

SCREENSHOTS:

RESPONSIVE AND DYNAMIC PROGRESS BAR



Start

[Back](#) [Next](#)

RESPONSIVE AND DYNAMIC PROGRESS BAR



Step Three

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RESPONSIVE AND DYNAMIC PROGRESS BAR



TASK COMPLETED

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