

**Advance Web Application Development**

**Task 16**

**Bootstrap Progress Bar**

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**Code**

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />

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

    <title>Task 16 - Progress Bar</title>

    <link

      href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"

      rel="stylesheet"

      integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"

      crossorigin="anonymous"

    />

    <link

      rel="stylesheet"

      href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"

    />

    <style>

      .container {

        box-shadow: 20px;

        padding: 2%;

        box-shadow: rgba(0, 0, 0, 0.24) 0px 3px 8px;

      }

      .progress {

        height: 25px;

        background-color: #e6e6e6;

        border-radius: 5px;

        overflow: hidden;

      }

      .progress-bar {

        background-color: #0099ff;

        border-radius: 5px;

        transition: width 0.5s ease-in-out;

      }

    </style>

  </head>

  <body>

    <!-- Task 15 -->

    <!-- Make a form using Bootstrap classes for buttons and forms. -->

    <div class="container w-50 mt-5">

      <h3 class="text-center mt-2 mb-4">Bootstrap Progress Bar</h3>

      <h3 class="text-center mt-2 mb-4">

        student’s skills in coding languages

      </h3>

      <div class="progress">

        <div

          class="progress-bar progress-bar-striped"

          role="progressbar"

          style="width: 90%"

          aria-valuenow="90"

          aria-valuemin="0"

          aria-valuemax="100"

        >

          HTML 90%

        </div>

      </div>

      <div class="progress mt-3">

        <div

          class="progress-bar bg-success progress-bar-striped"

          role="progressbar"

          style="width: 73%"

          aria-valuenow="73"

          aria-valuemin="0"

          aria-valuemax="100"

        >

          CSS 73%

        </div>

      </div>

      <div class="progress mt-3">

        <div

          class="progress-bar progress-bar-striped progress-bar-animated bg-info"

          role="progressbar"

          style="width: 80%"

          aria-valuenow="80"

          aria-valuemin="0"

          aria-valuemax="100"

        >

          JavaScript 80%

        </div>

      </div>

      <div class="progress mt-3">

        <div

          class="progress-bar progress-bar-striped progress-bar-animated bg-danger"

          role="progressbar"

          style="width: 60%"

          aria-valuenow="60"

          aria-valuemin="0"

          aria-valuemax="100"

        >

          jQuery 60%

        </div>

      </div>

      <div class="progress mt-3">

        <div

          class="progress-bar progress-bar-striped progress-bar-animated bg-warning"

          role="progressbar"

          style="width: 40%"

          aria-valuenow="40"

          aria-valuemin="0"

          aria-valuemax="100"

        >

          PHP & SQL 40%

        </div>

      </div>

      <h3 class="text-center mt-4">Your Overall Progress (Auto Generated)</h3>

      <div class="progress mt-4">

        <div

        id="overallAll"

          class="progress-bar-striped bg-info overallAll"

          role="progressbar"

          aria-valuemin="0"

          aria-valuemax="100"

        ></div>

      </div>

    </div>

    <script>

      let value = 0;

      let allValues = document.querySelectorAll('.progress-bar')

      for (let progressValue of allValues ){

        // console.log(progressValue.ariaValueNow)

        value += Number(progressValue.ariaValueNow)

      }

      // .ariaValueNow = value/allValues.length

      document.getElementById('overallAll').ariaValueNow = value/allValues.length

      document.getElementById('overallAll').style.width=value/allValues.length+'%'

      document.getElementById('overallAll').innerHTML=value/allValues.length+'%'

      document.getElementById('overallAll').classList.add('progress-bar')

    </script>

    <script

      src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"

      integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"

      crossorigin="anonymous"

    ></script>

    <script

      src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"

      integrity="sha384-IQsoLXl5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"

      crossorigin="anonymous"

    ></script>

    <script

      src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"

      integrity="sha384-cVKIPhGWiC2Al4u+LWgxfKTRIcfu0JTxR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcQF"

      crossorigin="anonymous"

    ></script>

  </body></html>

**Result**

