

Bootstrap

Assignment Solution



Task 1:

Problem Statement

You have to create a course card which should contain the thumbnail image, title and description with a call to action button.

For course thumbnail image use the given image link

(<https://cdn.pwskills.com/assets/uploads/thumbnails/64a514966977cc6e87e27504.png>)

Expected Outputs



Activate Windows
Go to Settings to activate Windows.

Solution

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <title>Bootstrap Card</title>
    <!-- adding the bootstrap css -->
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-4bw+/aepP/YC94hEpVNVgiZdgIC5+VKNBQNGCHeKRQN+PtmoHDEXuppvnDJzQIu9"
      crossorigin="anonymous"
    />
  </head>
  <body class="d-flex justify-content-center align-items-center vh-100">
    <div class="card" style="width: 18rem">
      
    </div>
  </body>
</html>
```

```
</div>
<div class="card-body">
  <h5 class="card-title">Full Stack Web Development</h5>
  <p class="card-text">
    Learn MERN stack: MongoDB, Express.js, React.js, Node.js. Build
    dynamic web apps. Gain hands-on full-stack skills.
  </p>
  <a href="#" class="btn btn-primary w-100">Enroll Now</a>
</div>
</div>

<!-- adding bootstrap js script -->
<script
  src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-HwwwvtgBNo3bZJJLYd8oVXjrBZt8cqVSpeBNS5n7C8IVInixGAoxmnLMuBnhbgrkm"
  crossorigin="anonymous"
></script>
</body>
</html>
```

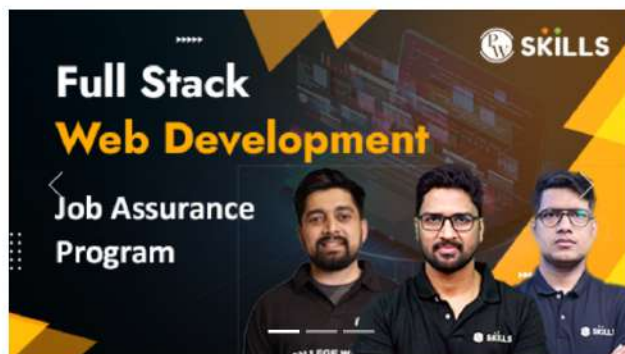
Task 2:

Problem Statement

In the assignment you have to create a simple carousel consisting of three slides with a controller and indicator on it to make it easy for the user to navigate to other slides easily.

Also for all these three slides, you have to gather the image from the pw skills website (<https://pwwskills.com/>). Any three recent course images can be used in it.

Expected Outputs



Activate Windows
Go to Settings to activate Windows.

Solution

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <title>Bootstrap Carousel</title>
    <!-- adding the bootstrap css -->
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-4bw+/aepP/YC94hEpVNVgiZdgIC5+VKNBQNGCHeKRQN+PtmoHDEXuppvnDJzQIu9"
      crossorigin="anonymous"
    />
  </head>
  <body class="d-flex justify-content-center align-items-center vh-100">
    <div
      id="carouselExampleCaptions"
      class="carousel slide"
      style="width: 600px"
    >
      <div class="carousel-indicators">
        <button
          type="button"
          data-bs-target="#carouselExampleCaptions"
          data-bs-slide-to="0"
          class="active"
          aria-current="true"
          aria-label="Slide 1"
        ></button>
        <button
          type="button"
          data-bs-target="#carouselExampleCaptions"
          data-bs-slide-to="1"
          aria-label="Slide 2"
        ></button>
        <button
          type="button"
          data-bs-target="#carouselExampleCaptions"
          data-bs-slide-to="2"
          aria-label="Slide 3"
        ></button>
      </div>
      <div class="carousel-inner">
        <div class="carousel-item active">
          
        </div>
      </div>
    </div>
  </body>
</html>
```

```
        class="d-block w-100"
        alt="web development"
    />
</div>
<div class="carousel-item">
    
</div>
<div class="carousel-item">
    
</div>
</div>
<button
    class="carousel-control-prev"
    type="button"
    data-bs-target="#carouselExampleCaptions"
    data-bs-slide="prev"
>
    <span class="carousel-control-prev-icon" aria-hidden="true"></span>
    <span class="visually-hidden">Previous</span>
</button>
<button
    class="carousel-control-next"
    type="button"
    data-bs-target="#carouselExampleCaptions"
    data-bs-slide="next"
>
    <span class="carousel-control-next-icon" aria-hidden="true"></span>
    <span class="visually-hidden">Next</span>
</button>
</div>

<!-- adding bootstrap js script -->
<script
    src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-HwwwvtgBNo3bZJJLYd8oVXjrBZt8cqVSpeBNS5n7C8IVInixGAoxmnLMuBnhbgrkm"
    crossorigin="anonymous"
></script>
</body>
</html>
```

Task 3:

Problem Statement

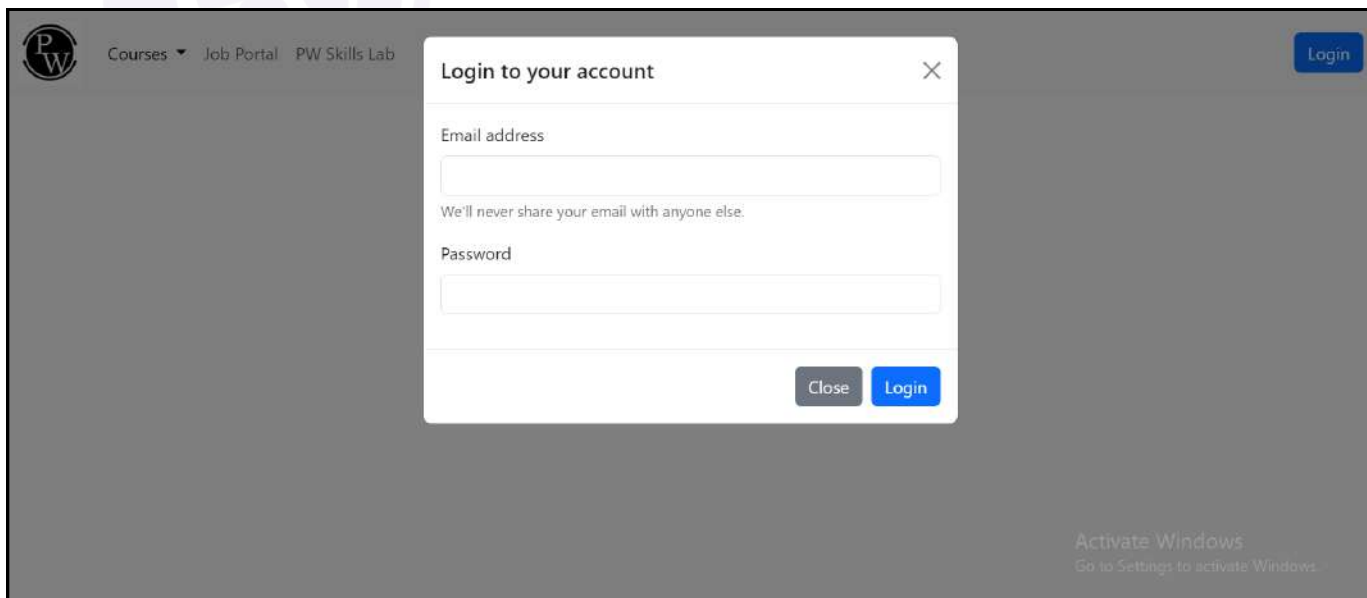
Create a navigation menu which should consist of the pw logo, simple navigation menu items like courses, job portal etc and at last there should be a login button, if the user clicks on the login button a modal should open with a form for taking user email and password with a login button in it to submit that form.

Expected Outputs

Normal Output



Output on login click



Solution

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <title>Navigation Menu</title>
    <!-- adding the bootstrap css -->
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-4bw+/aepP/YC94hEpVNVvgiZdgIC5+VKNBQNGChEKrQN+PtmoHDEXuppvndJzQIu9"
      crossorigin="anonymous"
    />
  </head>
  <body>
    <nav class="navbar navbar-expand-lg bg-body-tertiary">
      <div class="container-fluid">
        <!-- adding the logo -->
        <a class="navbar-brand" href="#">
          
        </a>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
          <!-- navigation menu items -->
          <ul class="navbar-nav me-auto mb-2 mb-lg-0">
            <li class="nav-item dropdown">
              <a
                class="nav-link active dropdown-toggle"
                href="#"
                role="button"
                data-bs-toggle="dropdown"
                aria-expanded="false"
              >
                Courses
              </a>
              <ul class="dropdown-menu">
                <li>
                  <a class="dropdown-item" href="#">Software Engineering</a>
                </li>
                <li>
                  <a class="dropdown-item" href="#">Artificial Intelligence</a>
                </li>
              </ul>
            </li>
          </ul>
        </div>
      </div>
    </nav>
  </body>
</html>
```

```
        </li>
      </li>
      <a class="dropdown-item" href="#">Pre Placement</a>
    </li>
  </ul>
</li>
<li class="nav-item">
  <a class="nav-link" aria-current="page" href="#">Job Portal</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">PW Skills Lab</a>
</li>
</ul>
```

```
<!-- for login button -->
<button
  type="button"
  class="btn btn-primary"
  data-bs-toggle="modal"
  data-bs-target="#exampleModal"
>
  Login
</button>
```

```
<!-- Modal for login form -->
<div
  class="modal fade"
  id="exampleModal"
  tabindex="-1"
  aria-labelledby="exampleModalLabel"
  aria-hidden="true"
>
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h1 class="modal-title fs-5" id="exampleModalLabel">
          Login to your account
        </h1>
        <button
          type="button"
          class="btn-close"
          data-bs-dismiss="modal"
          aria-label="Close"
        ></button>
      </div>
      <div class="modal-body">
        <form>
          <div class="mb-3">
```



```
<label for="exampleInputEmail1" class="form-label"
  >Email address</label>
>
<input
  type="email"
  class="form-control"
  id="exampleInputEmail1"
  aria-describedby="emailHelp"
/>
<div id="emailHelp" class="form-text">
  We'll never share your email with anyone else.
</div>
</div>
<div class="mb-3">
  <label for="exampleInputPassword1" class="form-label"
    >Password</label>
  >
  <input
    type="password"
    class="form-control"
    id="exampleInputPassword1"
  />
</div>
</form>
</div>
<div class="modal-footer">
  <button
    type="button"
    class="btn btn-secondary"
    data-bs-dismiss="modal"
  >
    Close
  </button>
  <button type="button" class="btn btn-primary">Login</button>
</div>
</div>
</div>
</div>
</div>
</nav>

<!-- adding bootstrap js script -->
<script
  src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-HwwwvtgBN03bZJJLYd8oVXjrBZt8cqVSpeBNS5n7C8IVInixGAoxmnLMuBnhbgrkm"
  crossorigin="anonymous"
></script>
</body>
</html>
```