## Experiment No. 3

Aim: Construct a responsive website using Bootstrap.

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Responsive Website with Bootstrap</title>
 <!-- Bootstrap CSS CDN -->
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"</pre>
integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
</head>
<body>
 <!-- Navigation Bar -->
 <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
   <div class="container">
     <a class="navbar-brand" href="#">My Website</a>
     <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-</pre>
target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
       <span class="navbar-toggler-icon"></span>
     </button>
     <div class="collapse navbar-collapse" id="navbarNav">
       ul class="navbar-nav ms-auto">
         class="nav-item">
           <a class="nav-link active" href="#">Home</a>
```

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cli class="nav-item">
         <a class="nav-link" href="#">About</a>
       class="nav-item">
         <a class="nav-link" href="#">Services</a>
       class="nav-item">
         <a class="nav-link" href="#">Contact</a>
       </div>
 </div>
</nav>
<!-- Hero Section -->
<section class="bg-light text-dark text-center p-5">
 <div class="container">
   <h1>Welcome to Our Responsive Website</h1>
   This website is built using Bootstrap 5 and adapts to any screen size.
   <a href="#" class="btn btn-primary">Get Started</a>
 </div>
</section>
<!-- Responsive Grid with Cards -->
<section class="py-5">
 <div class="container">
   <div class="row">
     <!-- Card 1 -->
```

```
<div class="col-md-4">
         <div class="card mb-4">
           <img src="https://via.placeholder.com/300x200" class="card-img-top" alt="Image 1">
           <div class="card-body">
             <h5 class="card-title">Card Title 1</h5>
             This is a brief description of the content inside the card. It can be
extended to multiple lines.
             <a href="#" class="btn btn-primary">Learn More</a>
           </div>
         </div>
       </div>
       <!-- Card 2 -->
       <div class="col-md-4">
         <div class="card mb-4">
           <img src="https://via.placeholder.com/300x200" class="card-img-top" alt="Image 2">
           <div class="card-body">
             <h5 class="card-title">Card Title 2</h5>
             This is another brief description with more content inside the card.
             <a href="#" class="btn btn-primary">Learn More</a>
           </div>
         </div>
       </div>
       <!-- Card 3 -->
       <div class="col-md-4">
         <div class="card mb-4">
           <img src="https://via.placeholder.com/300x200" class="card-img-top" alt="Image 3">
           <div class="card-body">
```

```
<h5 class="card-title">Card Title 3</h5>
             This card contains more content and links to additional resources.
             <a href="#" class="btn btn-primary">Learn More</a>
           </div>
         </div>
       </div>
     </div>
   </div>
 </section>
 <!-- Footer -->
 <footer class="bg-dark text-light text-center py-3">
   <div class="container">
     © 2024 My Website | All Rights Reserved
   </div>
 </footer>
 <!-- Bootstrap JS CDN (with Popper) -->
 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"</pre>
integrity="sha384-FgpCn4Bz4YJQd4V8xNcQ1jjj4Z1pJTAW4DlzJ7/cn9hfoHeZw5ZxkPpRXxMXQbZS"
crossorigin="anonymous"></script>
</body>
</html>
```