

Raj Kumar Goel Institute Of Technology, Ghaziabad

EXPERIMENT 03

Aim : Develop a responsive website using CSS and HTML. Website may be for tutorial/blogs/commercial website..

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Responsive Blog</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

<header>
  <h1>My Blog</h1>
  <nav>
    <ul>
      <li><a href="#home">Home</a></li>
      <li><a href="#about">About</a></li>
      <li><a href="#blog">Blog</a></li>
      <li><a href="#contact">Contact</a></li>
    </ul>
  </nav>
</header>

<main>
  <section id="about">
    <h2>About Me</h2>
    <p>Welcome to my blog! I share my thoughts on technology, lifestyle, and everything in between.</p>
  </section>

  <section id="blog">
    <h2>Latest Posts</h2>
    <div class="post">
```

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```
<h3>Post Title 1</h3>
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer
nec odio. Praesent libero. Sed cursus ante dapibus diam.</p>
</div>
<div class="post">
  <h3>Post Title 2</h3>
  <p>Sed nisi. Nulla quis sem at nibh elementum imperdiet. Duis
sagittis ipsum. Praesent mauris.</p>
</div>
<div class="post">
  <h3>Post Title 3</h3>
  <p>Fusce nec tellus sed augue semper porta. Mauris massa. Vestibulum
lacinia arcu eget nulla.</p>
</div>
</section>
</main>

<footer>
  <p>&copy; 2024 My Blog. All Rights Reserved.</p>
</footer>

</body>
</html>
```

Style.css

```
* {
  box-sizing: border-box;
  margin: 0;
  padding: 0;
}

body {
  font-family: Arial, sans-serif;
  line-height: 1.6;
  background-color: #f4f4f4;
}

header {
```

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```
background: #007BFF;
color: white;
padding: 20px 0;
text-align: center;
}

nav ul {
  list-style: none;
  padding: 0;
}

nav ul li {
  display: inline;
  margin: 0 15px;
}

nav ul li a {
  color: white;
  text-decoration: none;
}

main {
  max-width: 800px;
  margin: 20px auto;
  padding: 20px;
  background: white;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

h2 {
  color: #007BFF;
  margin-bottom: 10px;
}

.post {
  margin-bottom: 20px;
  padding: 15px;
  border: 1px solid #ccc;
  border-radius: 5px;
}
```

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```
footer {  
  text-align: center;  
  padding: 10px;  
  background: #333;  
  color: white;  
}  
  
@media (max-width: 600px) {  
  nav ul li {  
    display: block;  
    margin: 10px 0;  
  }  
  
  main {  
    padding: 10px;  
  }  
}
```

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OUTPUT:

