

**Lab #3(a)**

**Lab#3(a) Design web pages for mobile shopping application using HTML5, CSS3 and Bootstrap 5.**

**a. Home Page:**

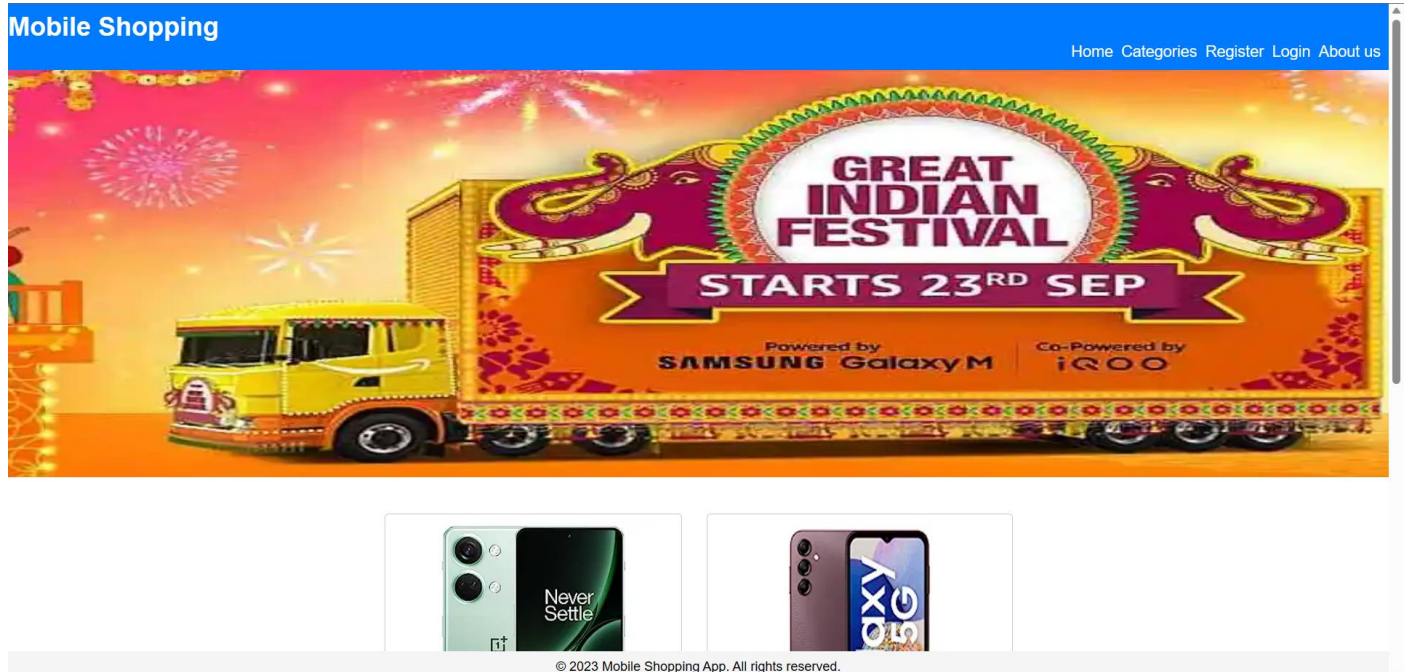
Tag	Attributes	Description
<code>&lt;html&gt;</code>	<code>lang</code>	Represents the root element of an HTML document.
<code>&lt;head&gt;</code>		Contains meta-information about the HTML document, such as character set and title.
<code>&lt;meta&gt;</code>	<code>charset, name</code>	Provides meta-information, such as character encoding and viewport settings.
<code>&lt;title&gt;</code>		Sets the title of the HTML document displayed in the browser's title bar or tab.
<code>&lt;link&gt;</code>	<code>rel, href</code>	Links external resources like stylesheets (CSS) to the HTML document.
<code>&lt;body&gt;</code>		Represents the content of an HTML document visible in the browser.
<code>&lt;header&gt;</code>		Defines a header section containing introductory content, such as a logo and navigation.

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<b>&lt;h1&gt;</b>		Represents heading elements, where <b>&lt;h1&gt;</b> is the highest and <b>&lt;h6&gt;</b> is the lowest.
<b>&lt;div&gt;</b>	<b>class</b>	Represents a generic container for grouping and styling elements.
<b>&lt;a&gt;</b>	<b>href</b>	Creates a hyperlink that links to another web page or resource.
<b>&lt;img&gt;</b>	<b>src, alt</b>	Embeds an image into the document, with <b>src</b> pointing to the image file and <b>alt</b> as alternative text.
<b>&lt;form&gt;</b>	<b>action, method</b>	Creates a form to collect user input and specify where to send the form data.
<b>&lt;input&gt;</b>	<b>type, id, name</b>	Represents an input field, such as text, password, or submit button.
<b>&lt;button&gt;</b>	<b>type</b>	Defines a clickable button inside a form or a standalone button.
<b>&lt;footer&gt;</b>		Represents a footer section containing footer content like copyright information.

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### Final Outcome:



### Code Snippet:

#### HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Mobile Shopping App</title>
  <link rel="stylesheet" href="home.css">
</head>
<body>
  <header>
    <h1>Mobile Shopping</h1>
    <div class="flex-container">
      <div><a href="#">Home</a></div>
```

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```
<div><a href="Categories.html">Categories</a></div>
<div><a href="Registration.html">Register</a></div>
<div><a href="Login.html">Login</a></div>
<div><a href="#">About us</a></div>
</div>
</header>

<div class="offer">
  
</div>
<div class="container">
  <div class="product-grid">
    <a href="Detailed_product.html">
      <div class="product-card">
        
        <div class="product-name">Oneplus Nord 3 5G</div>
        <div class="product-price">₹33,999</div>
      </div>
    </a>
    <div class="product-card">
      
      <div class="product-name">Samsung Galaxy A14</div>
      <div class="product-price">₹19,999</div>
    </div>
  </div>
</div>
<div class="product-grid">
  <div class="product-card">
    
```

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```
<div class="product-name">Apple iPhone 14 (128 GB) - Blue</div>
<div class="product-price">₹69,999</div>
</div>
<div class="product-card">
  
  <div class="product-name">iQOO Neo 7 Pro 5G</div>
  <div class="product-price">₹34,999</div>
</div>
</div>
</div>
<footer>
  &copy; 2023 Mobile Shopping App. All rights reserved.
</footer>
</body>
</html>
```

### CSS:

```
body, html {
  margin: 0;
  padding: 0;
  font-family: Arial, sans-serif;
}

.container {
  max-width: 768px;
  margin: 0 auto;
  padding: 20px;
}
```

---

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```
header {  
    background-color: #007bff;  
    color: #fff;  
    padding: 10px 0;  
    width: 100%;  
    display: inline-block;  
}
```

```
a{  
    text-decoration: none;  
    color: white;  
    font-size: larger;  
    margin-right: 10px;  
}
```

```
.flex-container{  
    display: flex;  
    float: right;  
}
```

```
header h1 {  
    margin: 0;  
    width: 260px;  
}
```

```
.sale{  
    width: 100%;
```

---

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```
height: 60vh;
}

.product-grid {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(150px, 1fr));
  grid-gap: 20px;
  margin-top: 20px;
}

.product-card {
  border: 1px solid #ccc;
  border-radius: 5px;
  padding: 10px;
  text-align: center;
  cursor: pointer;
}

.product-image {
  max-width: 100%;
  height: auto;
}

.product-name {
  font-weight: bold;
}

.product-price {
```

---

**Lab #3(a)**

```
color: #007bff;  
font-weight: bold;  
}  
  
footer {  
    text-align: center;  
    bottom: 0;  
    position: fixed;  
    width: 100%;  
    padding: 10px 0;  
    background-color: #f5f5f5;  
}
```