

## AWT LAB PROGRAMS

1. Create a page with Tailwind CSS product cards styled using max-w-sm, shadow-md, rounded-lg, and hover effects like hover:shadow-xl. Style the image with object-cover, rounded-t-lg, h-48 and text with font-bold, text-gray-700, and text-sm.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Cards</title>
  <script src="https://cdn.tailwindcss.com"></script>
</head>
<body class="bg-gray-100 py-8 px-4">
  <div class="max-w-7xl mx-auto grid grid-cols-1 sm:grid-cols-2 md:grid-cols-3
lg:grid-cols-4 gap-6">

    <div class="max-w-sm rounded-lg shadow-md hover:shadow-xl overflow-hidden
bg-white">
      
      <div class="p-4">
        <h3 class="font-bold text-gray-700 text-sm">Iphone 15</h3>
        <p class="font-bold text-gray-700 mt-2">₹69999</p>
      </div>
    </div>

    <div class="max-w-sm rounded-lg shadow-md hover:shadow-xl overflow-hidden
bg-white">
      
      <div class="p-4">
        <h3 class="font-bold text-gray-700 text-sm">Iphone 16</h3>
        <p class="font-bold text-gray-700 mt-2">₹75000</p>
      </div>
    </div>

    <div class="max-w-sm rounded-lg shadow-md hover:shadow-xl overflow-hidden
bg-white">
      
      <div class="p-4">
        <h3 class="font-bold text-gray-700 text-sm">Iphone 16pro max</h3>
        <p class="font-bold text-gray-700 mt-2">₹120000</p>
      </div>
    </div>

  </div>
```

## AWT LAB PROGRAMS

```
<div class="max-w-sm rounded-lg shadow-md hover:shadow-xl overflow-hidden
bg-white">
  
  <div class="p-4">
    <h3 class="font-bold text-gray-700 text-sm">Galaxy S24 Ultra</h3>
    <p class="font-bold text-gray-700 mt-2">₹105000</p>
  </div>
</div>
</div>
</body>
</html>
```

### HOVERING CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Hover Cards</title>
  <script src="https://cdn.tailwindcss.com"></script>
</head>
<body class="bg-gray-100 py-8 px-4">
  <div class="max-w-7xl mx-auto grid grid-cols-1 sm:grid-cols-2 md:grid-cols-3
lg:grid-cols-4 gap-6">

    <div class="relative max-w-sm rounded-lg shadow-md hover:shadow-red-500/50
overflow-hidden bg-white group">
      
      <div class="p-4">
        <h3 class="font-bold text-gray-700 text-sm">Iphone 15</h3>
        <p class="font-bold text-gray-700 mt-2">₹69999</p>
      </div>
      <div class="absolute top-0 left-0 p-2 opacity-0 group-hover:opacity-100
transition-opacity duration-300 bg-black bg-opacity-50 text-white text-xs">
        <p><strong>Top-left Hover:</strong> Rounded edges,Shadow effect</p>
      </div>

      <div class="absolute bottom-0 left-0 p-2 opacity-0 group-hover:opacity-100
transition-opacity duration-300 bg-black bg-opacity-50 text-white text-xs">
        <p><strong>Bottom-left Hover:</strong> Product description</p>
      </div>
```

## AWT LAB PROGRAMS

2. Create a developer portfolio website using Bootstrap with a responsive navbar, a hero section featuring display-4 text and a btn-primary button, and a projects section using a grid (row and col-md-4) to display three card components. Include a contact form with form-group fields for name, email, and message, and finish with a footer featuring social media icons.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Developer Portfolio</title>
  <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
  <script src="https://kit.fontawesome.com/a076d05399.js"></script>

<style>
  /* Custom styles for color changes */
  body {
    background-color: #000; /* Set background color to black */
    color: white; /* Set text color to white */
  }

  .navbar {
    background-color: #000; /* Navbar background color black */
  }

  .navbar-brand {
    color: white; /* Navbar brand text color */
  }

  .navbar-nav .nav-link {
    color: white; /* Navbar links color */
  }

  .navbar-nav .nav-link:hover {
    color: #ccc; /* On hover, navbar links become grey */
  }

  #hero {
    background-color: #eee7e7; /* Hero section background to black */
    color: rgb(12, 12, 12); /* Hero text color to white */
  }
```

## AWT LAB PROGRAMS

```
#contact {
  background-color: #eee7e7; /* Hero section background to black */
  color: rgb(12, 12, 12); /* Hero text color to white */
}

.btn-primary {
  background-color: #ccc; /* Primary button color to grey */
  border-color: #ccc; /* Set border to grey */
}

.btn-primary:hover {
  background-color: #fff; /* On hover, button background turns white */
  color: #000; /* Text turns black */
}

.card {
  background-color: #333; /* Dark background for cards */
  border: 1px solid #444; /* Light grey border for cards */
}

.card-title, .card-text {
  color: white; /* Text color inside cards */
}

footer {
  background-color: #000; /* Footer background to black */
  color: white; /* Footer text color */
}
</style>
</head>
<body>

<nav class="navbar navbar-expand-lg navbar-dark">
  <a class="navbar-brand" href="#">Canvil Joyal Lobo</a>
  <button class="navbar-toggler" type="button" data-toggle="collapse"
data-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 ml-auto">
      <li class="nav-item active">
        <a class="nav-link" href="#hero">Home</a>
      </li>
```

## AWT LAB PROGRAMS

```
<li class="nav-item">
  <a class="nav-link" href="#projects">Projects</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#contact">Contact</a>
</li>
</ul>
</div>
</nav>
```

```
<header id="hero" class="jumbotron text-center">
  <h1 class="display-4">Welcome to My Portfolio!</h1>
  <p class="lead">I am a passionate developer who loves to build amazing web
applications.</p>
  <a class="btn btn-primary btn-lg" href="#projects" role="button">See My Projects</a>
</header>
```

```
<section id="projects" class="container my-5">
  <h2 class="text-center mb-5">My Projects</h2>
  <div class="row">
    <div class="col-md-4">
      <div class="card mb-4 shadow-sm">
        
        <div class="card-body">
          <h5 class="card-title">Smart S-Mart</h5>
          <p class="card-text">Shopping Website</p>
          <a href="#" class="btn btn-primary">View Project</a>
        </div>
      </div>
    </div>
    <div class="col-md-4">
      <div class="card mb-4 shadow-sm">
        
        <div class="card-body">
          <h5 class="card-title">Database Mini Project</h5>
          <p class="card-text">Backend databse project</p>
          <a href="#" class="btn btn-primary">View Project</a>
        </div>
      </div>
    </div>
    <div class="col-md-4">
      <div class="card mb-4 shadow-sm">
        
        <div class="card-body">
```

## AWT LAB PROGRAMS

```
<h5 class="card-title">Career Compass</h5>
<p class="card-text">Android Application on Career Compass.</p>
<a href="#" class="btn btn-primary">View Project</a>
</div>
</div>
</div>
</div>
</section>

<section id="contact" class="bg-light py-5">
<div class="container">
<h2 class="text-center mb-5">Contact Me</h2>
<form>
<div class="form-group">
<label for="name">Your Name</label>
<input type="text" class="form-control" id="name" placeholder="Enter your name"
required>
</div>
<div class="form-group">
<label for="email">Email address</label>
<input type="email" class="form-control" id="email" placeholder="Enter your
email" required>
</div>
<div class="form-group">
<label for="message">Message</label>
<textarea class="form-control" id="message" rows="4" placeholder="Your
message" required></textarea>
</div>
<button type="submit" class="btn btn-primary">Send Message</button>
</form>
</div>
</section>

<footer class="text-center py-4">
<p>&copy; 2025 Canvil Joyal Lobo | All Rights Reserved</p>
<div>
<a href="#" class="text-white mx-2"><i class="fab fa-facebook"></i></a>
<a href="#" class="text-white mx-2"><i class="fab fa-twitter"></i></a>
<a href="#" class="text-white mx-2"><i class="fab fa-linkedin"></i></a>
<a href="#" class="text-white mx-2"><i class="fab fa-github"></i></a>
</div>
</footer>
```

## AWT LAB PROGRAMS

```
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css"
rel="stylesheet">
```

```
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.1/dist/umd/popper.min.js"></script>
>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
```

```
</body>
</html>
```