# Assignment – 2 Day : 8 – 5 - 2025

# CSS Practice Questions (Beginner to Intermediate)

## Question 1: Styling Headings and Paragraphs

Task:  
Write CSS to:  
- Center-align the heading.  
- Set paragraph text color to dark gray.  
- Use font size 20px for the paragraph.

HTML Code:  
<h1>About Us</h1>  
<p>We are a team of developers building cool stuff.</p>

CSS Code:  
<html>

<head>

<style>

    h1 {

        text-align: center;

      }

      p {

        color: #d21111; /\* Dark gray \*/

        font-size: 20px;

      }

</style>

</head>

<body>

    <h1>About Us</h1>

<p>We are a team of developers building cool stuff.</p>

</body>

</html>

## Question 2: Styling a Navigation Bar

Task:  
Style the links to:  
- Remove underlines.  
- Change color to dark blue.  
- Add a hover effect to change color to orange.

HTML Code:  
<nav>  
 <a href="#">Home</a>  
 <a href="#">About</a>  
 <a href="#">Contact</a>  
</nav>

CSS Code:

|  |  |
| --- | --- |
| nav a {      text-decoration: none;      color: darkblue;      margin-right: 15px;  }  nav a:hover {      color: orange;  } | <html>  <head>      <link rel="stylesheet" href="3.css">  </head>  <body>      <h1>About Us</h1>      <nav>      <a href="#">Home</a>      <a href="#">About</a>      <a href="#">Contact</a>    </nav>  </body>  </html> |

## Question 3: Box Styling

Task:  
Style the box to:  
- Set background to light gray.  
- Add padding of 20px.  
- Add border of 1px solid black.

HTML Code:  
<div class="box">This is a styled box.</div>

CSS Code:

|  |  |
| --- | --- |
| .box {      background-color: lightgray;      padding: 20px;      border: 1px solid black;    } | <html>  <head>      <link rel="stylesheet" href="4.css">  </head>  <body>      <h1>About Us</h1>      <div class="box">This is a styled box By nikhil.</div>  </body>  </html> |

## Question 4: Button Styling

Task:  
Make the button:  
- Rounded with border-radius 10px.  
- Have padding of 10px 20px.  
- Have a background color of #007BFF and white text.

HTML Code:  
<button class="btn">Submit</button>

CSS Code:

|  |  |
| --- | --- |
| .btn {      border-radius: 10px;      padding: 10px 20px;      background-color: #007BFF;      color: white;    } | <html>  <head>      <link rel="stylesheet" href="5.css">  </head>  <body>      <h1>About Us</h1>      <button class="btn">Submit</button>  </body>  </html> |

## Question 5: Layout with Flexbox

Task:  
Use Flexbox to:  
- Display items in a row.  
- Add space between them.

HTML Code:  
<div class="container">  
 <div>Item 1</div>  
 <div>Item 2</div>  
 <div>Item 3</div>  
</div>

CSS Code:

|  |  |
| --- | --- |
| .container {      display: flex;      justify-content: space-between;    } | <html>  <head>      <link rel="stylesheet" href="6.css">  </head>  <body>      <h1>Container By</h1>      <h1> Nikhil K R</h1>      <div class="container">          <div>Item 1</div>          <div>Item 2</div>          <div>Item 3</div>        </div>  </body>  </html> |

## Question 6: Hover Card with Shadow

Task:  
Style the `.card` to:  
- Have a border and padding.  
- Add a box shadow on hover.  
- Set a smooth transition effect for the shadow.

HTML Code:  
<div class="card">  
 <h3>Product Title</h3>  
 <p>Some product description goes here.</p>  
</div>

CSS Code:

|  |  |
| --- | --- |
| .card {      border: 1px solid black;      padding: 10px;      transition: box-shadow 0.3s;    }      .card:hover {      box-shadow: 2px 2px 10px rgb(255, 0, 0);    } | <html>  <head>      <link rel="stylesheet" href="7.css">  </head>  <body>      <h1>Container By</h1>      <h1> Nikhil K R</h1>      <div class="card">          <h3>Product Title</h3>          <p>Some product description goes here.</p>        </div>  </body>  </html> |

## Question 7: Style Even and Odd Rows Differently

Task:  
Use CSS to style even rows with a light background and odd rows with a white background.

HTML Code:  
<table>  
 <tr><td>Row 1</td></tr>  
 <tr><td>Row 2</td></tr>  
 <tr><td>Row 3</td></tr>  
 <tr><td>Row 4</td></tr>  
</table>

|  |  |
| --- | --- |
| CSS Code: .odd {      background-color: white;    }      .even {      background-color: #f2f2f2;    } | <html>  <head>      <link rel="stylesheet" href="8.css">  </head>  <body>      <h1>Container By</h1>      <h1> Nikhil K R</h1>      <table>          <tr class="odd"><td>Row 1</td></tr>          <tr class="even"><td>Row 2</td></tr>          <tr class="odd"><td>Row 3</td></tr>          <tr class="even"><td>Row 4</td></tr>        </table>    </body>  </html> |

## Question 8: Positioning a Badge on an Image

Task:  
Place the `.badge` at the top-right corner of the image using positioning.

HTML Code:  
<div class="image-container">  
 <img src="product.jpg" alt="Product" width="200">  
 <span class="badge">New</span>  
</div>

|  |  |
| --- | --- |
| CSS Code  .image-container {      position: relative;    }      .badge {      position: absolute;      top: 0;      right: 0;    } | <html>  <head>      <link rel="stylesheet" href="9.css">  </head>  <body>      <h1>Container By</h1>      <h1> Nikhil K R</h1>      <div class="image-container">          <img src="product.jpg" alt="Product" width="200">          <span class="badge">New</span>        </div>  </body>  </html> |

## Question 9: Responsive Text Size

Task:  
Use media queries to change the heading size:  
- Default: 32px  
- If screen width is below 600px: 20px

HTML Code:  
<h1 class="title">Responsive Heading</h1>

|  |  |
| --- | --- |
| CSS Code  .title {      font-size: 32px;    }      @media (max-width: 600px) {      .title {        font-size: 20px;      }    } | <html>  <head>      <link rel="stylesheet" href="10.css">  </head>  <body>      <h1>Container By</h1>      <h1> Nikhil K R</h1>      <h1 class="title">Responsive Heading</h1>  </body>  </html> |

## Question 10: Navigation Menu with Active Link

Task:  
Style a navigation menu:  
- Inline horizontal layout.  
- Add spacing between links.  
- Highlight the active link with a border-bottom.

HTML Code:  
<nav>  
 <a href="#" class="active">Home</a>  
 <a href="#">About</a>  
 <a href="#">Services</a>  
</nav>

CSS Code:

|  |  |
| --- | --- |
| nav a {      display: inline-block;      margin-right: 15px;    }      nav a.active {      border-bottom: 2px solid black;    } | <html>  <head>      <link rel="stylesheet" href="11.css">  </head>  <body>      <h1>Container By</h1>      <h1> Nikhil K R</h1>      <nav>          <a href="#" class="active">Home</a>          <a href="#">About</a>          <a href="#">Services</a>        </nav>    </body>  </html> |