<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Flexbox and Grid Demonstration</title>

  <link rel="stylesheet" href="style.css">

</head>

<body>

  <h1>Flexbox and Grid Layout Demonstration</h1>

  <section class="flexbox-demo">

    <h2>Flexbox Demonstration</h2>

    <div class="flex-item">Item 1</div>

    <div class="flex-item">Item 2</div>

    <div class="flex-item">Item 3</div>

    <div class="flex-item">Item 4</div>

    <div class="flex-item">Item 5</div>

  </section>

  <section class="grid-demo">

    <h2>Grid Demonstration</h2>

    <div class="grid-item">Box 1</div>

    <div class="grid-item">Box 2</div>

    <div class="grid-item">Box 3</div>

    <div class="grid-item">Box 4</div>

    <div class="grid-item">Box 5</div>

    <div class="grid-item">Box 6</div>

  </section>

</body>

</html>

/\* General Styles \*/

body {

    font-family: Arial, sans-serif;

    margin: 20px;

  }

  h1 {

    text-align: center;

  }

  h2 {

    text-align: center;

    margin-top: 20px;

  }

  /\* Flexbox Styles \*/

  .flexbox-demo {

    display: flex;

    flex-wrap: wrap;

    justify-content: space-around;

    align-items: center;

    gap: 10px;

    border: 2px solid #333;

    padding: 10px;

    margin-bottom: 30px;

  }

  .flexbox-demo .flex-item {

    background-color: #f9a826;

    color: white;

    width: 100px;

    height: 100px;

    display: flex;

    justify-content: center;

    align-items: center;

    border-radius: 5px;

  }

  /\* Grid Styles \*/

  .grid-demo {

    display: grid;

    grid-template-columns: repeat(3, 1fr);

    grid-gap: 15px;

    border: 2px solid #333;

    padding: 10px;

  }

  .grid-demo .grid-item {

    background-color: #6c63ff;

    color: white;

    height: 100px;

    display: flex;

    justify-content: center;

    align-items: center;

    border-radius: 5px;

  }