**Assignment-1**

**Code**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

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

  <title>Drag and Drop Between Containers</title>

  <style>

    .maincontainer {

      display: flex;

      justify-content: center;

    }

    .main container {

      border:2px solid;

    }

    .container {

      width: 45%;

      min-height: 200px;

      border: 2px dashed #ccc;

      border-radius: 10px;

      padding: 10px;

      margin: 20px;

      display: inline-block;

      vertical-align: top;

    }

    .item {

      padding: 10px;

      margin: 5px 0;

      background-color: #4CAF50;

      color: white;

      border-radius: 5px;

      cursor: move;

    }

    .drag-over {

      border-color: #333;

      background-color: #f0f0f0;

    }

  </style>

</head>

<body>

  <div class="maincontainer">

    <div class="container" id="container1">

      <div class="item" draggable="true" id="item1">Item 1</div>

      <div class="item" draggable="true" id="item2">Item 2</div>

    </div>

    <div class="container" id="container2">

      <div class="item" draggable="true" id="item3">Item 3</div>

    </div>

  </div>

  <script>

    const items = document.querySelectorAll('.item');

    const containers = document.querySelectorAll('.container');

    let draggedItem = null;

    items.forEach(item => {

      item.addEventListener('dragstart', () => {

        draggedItem = item;

        setTimeout(() => {

          item.style.display = 'none';

        }, 0);

      });

      item.addEventListener('dragend', () => {

        setTimeout(() => {

          draggedItem.style.display = 'block';

          draggedItem = null;

        }, 0);

      });

    });

    containers.forEach(container => {

      container.addEventListener('dragover', e => {

        e.preventDefault();

        container.classList.add('drag-over');

      });

      container.addEventListener('dragleave', () => {

        container.classList.remove('drag-over');

      });

      container.addEventListener('drop', () => {

        container.classList.remove('drag-over');

        if (draggedItem) {

          container.appendChild(draggedItem);

        }

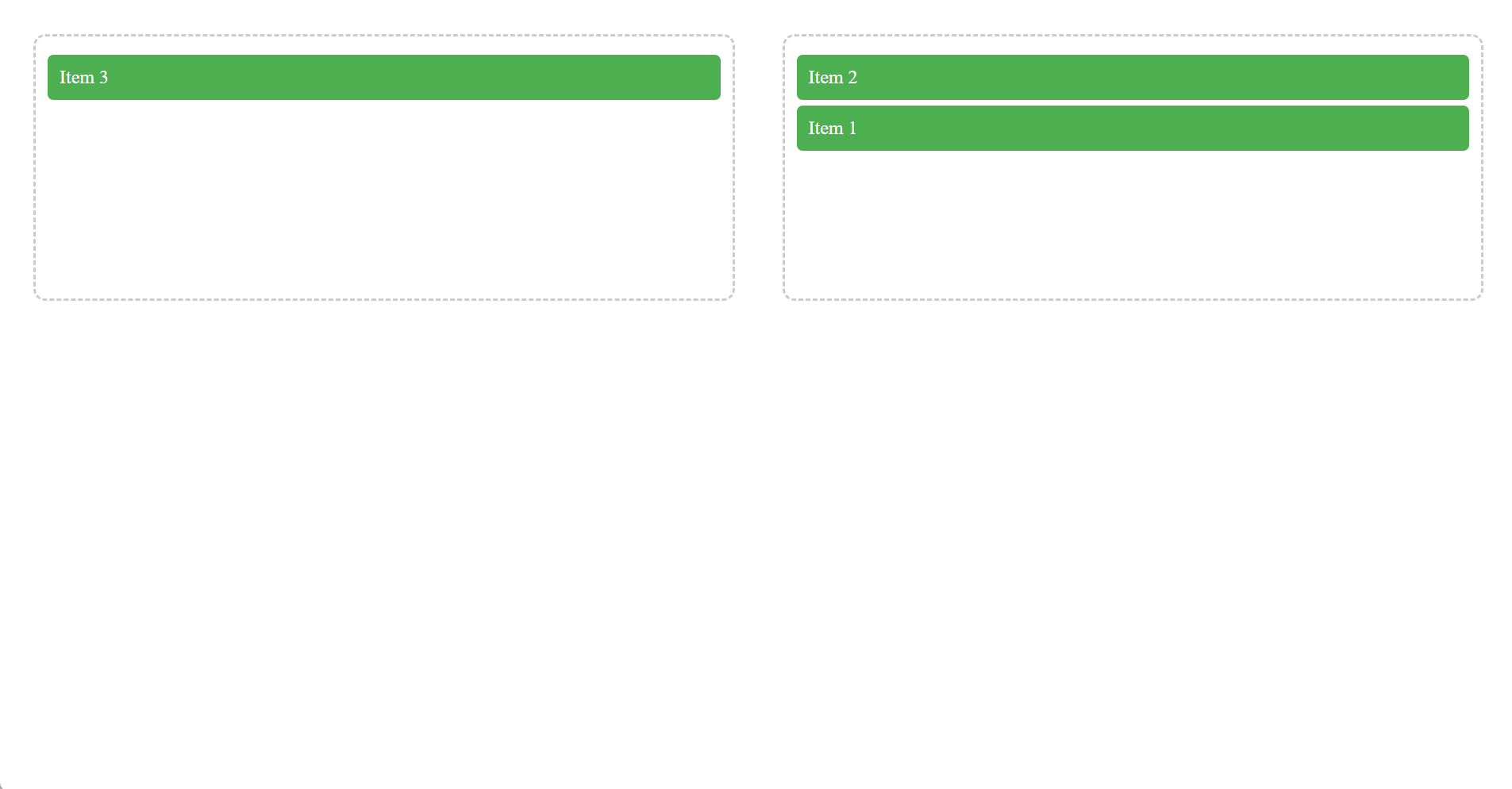
      });

    });

  </script>

</body>

</html>

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