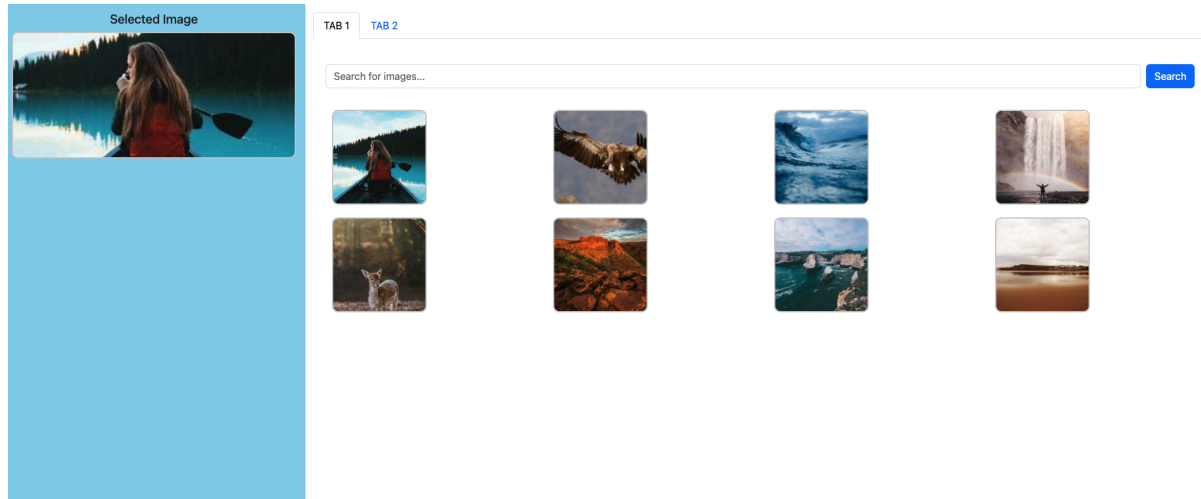


Nama: Gagas Surya Laksana
NIM: 1301223164
Kelas: IF-46-10

index.jsp



code:

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Image Search</title>
  <!-- Bootstrap CSS -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
  <style>
    .sidebar {
      background-color: #87CEEB;
      min-height: 100vh;
      padding: 15px;
      text-align: center;
    }
    .image-preview {
      width: 100%;
      height: 200px;
      background-color: #f8f9fa;
      margin-bottom: 10px;
      display: flex;
      align-items: center;
      justify-content: center;
    }
  </style>
</head>
<body>
  <div class="container">
    <div class="row">
      <div class="col-md-3">
        <div class="selected-image">
          <img alt="Selected Image: A person in a red jacket on a lake." data-bbox="125 188 303 243"/>
        </div>
      </div>
      <div class="col-md-9">
        <div class="image-search">
          <div class="image-grid">
            <img alt="Image 1: A person on a lake." data-bbox="326 221 386 263"/>
            <img alt="Image 2: An eagle." data-bbox="465 221 525 263"/>
            <img alt="Image 3: A sunset over water." data-bbox="604 221 664 263"/>
            <img alt="Image 4: A waterfall." data-bbox="743 221 803 263"/>
            <img alt="Image 5: A dog." data-bbox="326 268 386 310"/>
            <img alt="Image 6: A sunset over mountains." data-bbox="465 268 525 310"/>
            <img alt="Image 7: A rocky coastline." data-bbox="604 268 664 310"/>
            <img alt="Image 8: A sunset over a body of water." data-bbox="743 268 803 310"/>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```

```

        border: 2px solid #ccc;
        border-radius: 10px;
        overflow: hidden;
    }
    .image-preview img {
        width: 100%;
        height: 100%;
        object-fit: cover;
    }
    .image-box {
        width: 150px;
        height: 150px;
        margin: 10px;
        border: 2px solid #ccc;
        border-radius: 10px;
        overflow: hidden;
        text-align: center;
        cursor: pointer;
        transition: transform 0.2s;
    }
    .image-box:hover {
        transform: scale(1.05);
    }
    .image-box img {
        width: 100%;
        height: 100%;
        object-fit: cover;
    }
    .search-container {
        margin-top: 20px;
    }
    .tab-content {
        padding: 20px;
        min-height: 400px;
    }
</style>
</head>
<body>
    <div class="container-fluid">
        <div class="row">
            <!-- Sidebar -->
            <div class="col-md-3 sidebar">
                <h5>Selected Image</h5>
                <div id="imagePreview" class="image-preview">
                    <%

```

```

        String selectedImage =
request.getParameter("selectedImage");

        if (selectedImage != null && !selectedImage.isEmpty()) {

            %>

            <%

            } else {

            %>

            <p>Select an image</p>

            <%

            }

            %>

        </div>
    </div>

    <!-- Main Content -->
    <div class="col-md-9">

        <!-- Tabs -->
        <ul class="nav nav-tabs mt-3" id="myTab" role="tablist">
            <li class="nav-item" role="presentation">
                <button class="nav-link active" id="tab1-tab"
data-bs-toggle="tab"
                                data-bs-target="#tab1" type="button" role="tab">TAB
1</button>

                </li>
            <li class="nav-item" role="presentation">
                <button class="nav-link" id="tab2-tab" data-bs-toggle="tab"
                                data-bs-target="#tab2" type="button" role="tab">TAB
2</button>

                </li>
            </ul>

            <!-- Tab Content -->
            <div class="tab-content" id="myTabContent">
                <div class="tab-pane fade show active" id="tab1"
role="tabpanel">

                    <div class="search-container">
                        <form action="" method="GET" class="d-flex">
                            <input type="text" name="searchQuery"
class="form-control me-2"
                                    placeholder="Search for images...">
                            <button type="submit" class="btn
btn-primary">Search</button>
                        </form>
                    </div>

```

```

<!-- Images Grid -->
<div class="row mt-4">
    <%
        // Declare searchQuery properly here
        String searchQuery =
request.getParameter("searchQuery");

        // Array of images
        String[][] images = {
            {"https://picsum.photos/id/1011/300/300",
"Sea"},
            {"https://picsum.photos/id/1024/300/300",
"Mountains"},
            {"https://picsum.photos/id/1041/300/300",
"Sunset"},
            {"https://picsum.photos/id/1035/300/300",
"Horses"},
            {"https://picsum.photos/id/1003/300/300",
"Tree"},
            {"https://picsum.photos/id/1016/300/300",
"Architecture"},
            {"https://picsum.photos/id/1050/300/300",
"Random Image 1"},
            {"https://picsum.photos/id/1055/300/300",
"Random Image 2"}
        };

        if (searchQuery != null && !searchQuery.isEmpty()) {
            for (String[] image : images) {
                if
(image[1].toLowerCase().contains(searchQuery.toLowerCase())) {
                    <%>
                        <div class="col-md-3">
                            <div class="image-box"
onclick="selectImage('<%= image[0] %>')">
                                ">
                                <p><%= image[1] %></p>
                            </div>
                        </div>
                    <%>
                }
            }
        } else {
            for (String[] image : images) {

```

```

        %>

        <div class="col-md-3">
            <div class="image-box"
onclick="selectImage('<%= image[0] %>') ">
                ">

                <p><%= image[1] %></p>
            </div>
        </div>
    </div>

    <%
    }
    }
    %>
</div>

</div>
<div class="tab-pane fade" id="tab2" role="tabpanel">
    <p>Content for Tab 2</p>
</div>
</div>
</div>
</div>

<!-- Bootstrap JS -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js">
</script>
<script>
    // Function to select an image and refresh the page with the selected image
    function selectImage(imageUrl) {
        window.location.href = "?selectedImage=" + encodeURIComponent(imageUrl);
    }
</script>
</body>
</html>


```

generatedBox.jsp

Header

Masukkan jumlah box:

Generate



Footer

code:

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Latihan - JSP</title>
    <!-- Link Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.cs
s" rel="stylesheet">
    <style>
        .square-box {
            background-color: lightblue;
            margin: 10px;
            width: 100px;
            height: 100px;
            display: inline-block;
        }
        .header, .footer {
            background-color: gray;
            color: white;
            text-align: center;
            padding: 10px 0;
        }
    </style>
</head>
<body>
    <!-- Header -->
    <div class="header">
```

```

        <h2>Header</h2>
    </div>

    <!-- Input Section -->
    <div class="container mt-4">
        <form action="" method="get">
            <label for="boxInput" class="form-label">Masukkan jumlah box:</label>
            <input type="number" id="boxInput" name="boxCount" class="form-control mb-3" placeholder="Contoh: 5" min="1" />
            <button type="submit" class="btn btn-primary">Generate</button>
        </form>

        <!-- Square Box Container -->
        <div id="boxContainer" class="mt-4">
            <%
                // Ambil input dari parameter
                String boxCountParam = request.getParameter("boxCount");
                if (boxCountParam != null) {
                    try {
                        int boxCount = Integer.parseInt(boxCountParam);
                        if (boxCount > 0) {
                            for (int i = 0; i < boxCount; i++) {
                                <div class="square-box"></div>
                            }
                        } else {
                            out.println("<p class='text-danger'>Masukkan angka positif!</p>");
                        }
                    } catch (NumberFormatException e) {
                        out.println("<p class='text-danger'>Input tidak valid!</p>");
                    }
                }
            <%>
        </div>
    </div>

    <!-- Footer -->
    <div class="footer">
        <p>Footer</p>
    </div>
</body>
</html>

```