Latihan

1. Dynamic Fragment Navigation Bar
   a. Pada file fragment.html pada folder templates/fragments, tambahkan
      `<a class="navbar-brand" href="#" th:text="${pageTitle}">APAP</a>` pada
      bagian sesuai gambar di bawah.

```html
<body>
    <nav th:fragment="navbar" class="navbar navbar-expand-lg navbar-dark bg-dark">
        <a class="navbar-brand" href="#" th:text="${pageTitle}">APAP</a>
        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto">
                <li class="nav-item active">
                    <a class="nav-link" th:href="@{/}">Home</a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

   Tujuannya seperti membuat variable, th:text="${pageTitle}" berperan
   sebagai variable bernama pageTitle dengan format text.
   b. Selanjutnya, pada setiap view, ketika akan mengaplikasikan fragment
      bagian navbar, tambahkan: "`<nav th:replace="fragments/fragment ::
      navbar (pageTitle='Welcome!')"></nav>`" pada bagian sesuai gambar di
      bawah. pageTitle diisi sesuai dengan nama title yang diinginkan.

```html
<body>
    <nav th:replace="fragments/fragment :: navbar (pageTitle='Welcome!')"></nav>
    <div class="container-fluid">
    <h2>Hello!</h2>
    <!-- Untuk Menambah Pilot -->
    <div class="row">
```

   Tujuannya untuk mengganti variable pageTitle sesuai dengan yang
   diinginkan.

2. Dynamic Fields: Add Row

   i.   Pada bagian FlightController.java tambahkan kode baris seperti gambar di bawah

```java
@RequestMapping(value = "/flight/add/{licenseNumber}", method = RequestMethod.GET)
private String add(@PathVariable(value = "licenseNumber") String licenseNumber, Model model) {
    FlightModel flight = new FlightModel();
    PilotModel pilot = pilotService.getPilotDetailByLicenseNumber(licenseNumber);
    flight.setPilot(pilot);
    ArrayList<FlightModel> pilotFlight = new ArrayList<>();
    pilotFlight.add(flight);
    pilot.setPilotFlight(pilotFlight);

    model.addAttribute("flight", flight);
    model.addAttribute("pilot", pilot);
    return "addFlight";
}

@RequestMapping(value = "/flight/add/{licenseNumber}", params = {"addRow"}, method = RequestMethod.POST)
private String addRow(@ModelAttribute PilotModel pilot, BindingResult bindingResult, Model model) {
    if(pilot.getPilotFlight()==null) {
        pilot.setPilotFlight(new ArrayList<FlightModel>());
    }

    pilot.getPilotFlight().add(new FlightModel());
    model.addAttribute("pilot", pilot);
    return "addFlight";
}

@RequestMapping(value = "/flight/add/{licenseNumber}", params= {"submit"}, method = RequestMethod.POST)
private String addFlightSubmit(@ModelAttribute PilotModel pilot) {
    PilotModel pilot2 = pilotService.getPilotDetailByLicenseNumber(pilot.getLicenseNumber());
    for (FlightModel flight : pilot.getPilotFlight()) {
        flight.setPilot(pilot2);
        flightService.addFlight(flight);
    }
    return "add";
}
```

   ii.   Lalu pada bagian addFlight.html, tambahkan kode baris seperti gambar di bawah

```html
<body>
    <nav th:replace="fragments/fragment :: navbar (pageTitle='Add Flight')"></nav>
    <h2>Hello!</h2>

    <h3>Tambah Penerbangan</h3>

    <form th:action="@{'/flight/add/' + ${pilot.licenseNumber}}" th:object="${pilot}" method="POST">
        <input type="hidden" th:field="*{licenseNumber}"/>

        <table>
            <thead>
                <tr>
                    <th>Flight Number</th>
                    <th>Origin</th>
                    <th>Destination</th>
                    <th>Time</th>
                    <th><button type="submit" name="addRow">Add</button></th>
                </tr>
            </thead>
            <tbody>
                <tr th:each="flight, iterationStatus : *{pilotFlight}">
                    <td><input type="text" th:field="*{pilotFlight[__${iterationStatus.index}__].flightNumber}" /></td>
                    <td><input type="text" th:field="*{pilotFlight[__${iterationStatus.index}__].origin}" /></td>
                    <td><input type="text" th:field="*{pilotFlight[__${iterationStatus.index}__].destination}" /></td>
                    <td><input type="date" th:field="*{pilotFlight[__${iterationStatus.index}__].time}" /></td>
                </tr>
            </tbody>
        </table>
        <button type="submit" name="submit">Save</button>
    </form>


</body>
```