1. Pengerjaan dynamic title
2. Pengerjaan multiple add form
3. Perbedaan mengenai th:include dengan th:replace

Jawab:

1. Pengerjaan dynamic title

a.
```
<head th:fragment="title">
    <title th:text="${title}"></title>
</head>
```

Modifikasi fragment.html dengan target fragment, untuk kasus ini title

b.
```
<object th:include="fragments/fragment :: title" th:remove="tag"></object>
```

Buat object baru dengan atribut fragment include di target page, untuk kasus ini title

c.
```
model.addAttribute("title", "Delete Car");
```

Panggil target fragment pada controller, dan memasukkannya sesuai keinginan

2. Pengerjaan multiple add form

```
@RequestMapping(value = "/car/add/{dealerId}", params= {"addRow"}, method = RequestMethod.POST)
private String addRow (@ModelAttribute DealerModel dealer, Model model) {
    dealer.getListCar().add(new CarModel());
    model.addAttribute("dealer", dealer);
    return "addCar";
}
```

Membuat fungsi baru untuk menambah row di Car Controller

```
@RequestMapping(value="/car/add/{dealerId}", method = RequestMethod.POST, params={"removeRow"})
private String removeRow (@ModelAttribute DealerModel dealer, final BindingResult bindingResult, final HttpServletRequest req, Model mode
    final Integer rowId = Integer.valueOf(req.getParameter("removeRow"));
    dealer.getListCar().remove(rowId.intValue());
    model.addAttribute("dealer", dealer);
    return "addCar";
}
```

Membuat fungsi baru untuk menghapus row di Car Controller

```
@RequestMapping(value = "/car/add/{dealerId}", method = RequestMethod.GET)
private String add(@PathVariable(value = "dealerId") Long dealerId, Model model) {
    DealerModel dealer = dealerService.getDealerDetailById(dealerId).get();
    ArrayList<CarModel> list = new ArrayList<CarModel>();
    list.add(new CarModel());
    dealer.setListCar(list);
    model.addAttribute("title", "Add Car");
    model.addAttribute("dealer", dealer);
    return "addCar";
}
```

Modifikasi fungsi add pada Car Controller

```java
@RequestMapping(value = "/car/add/{dealerId}", method = RequestMethod.POST, params= {"save"})
private String addCarSubmit (@ModelAttribute DealerModel dealer) {
    DealerModel dealerSkrg = dealerService.getDealerDetailById(dealer.getId()).get();
    for(CarModel car : dealer.getListCar()) {
        car.setDealer(dealerSkrg);
        carService.addCar(car);
    }

    return "add";
}
```

Membuat fungsi addCarSubmit untuk menyimpan car dengan id dealer yang sesuai

```html
<body>
    <nav th:replace="fragments/fragment :: navbar"></nav>

    <h2>Hello!</h2>

    <h3>Tambah Mobil</h3>
    <form th:action="@{/car/add/} + ${dealer.id}" th:object="${dealer}" method = "POST">
        <input type="hidden" th:field="*{id}"></input>
        <table>
            <thead>
                <tr>
                    <th>Brand</th>
                    <th>Type</th>
                    <th>Price</th>
                    <th>Amount</th>
                    <th><button type="submit" name="addRow">Add Row</button></th>
                </tr>
            </thead>
            <tbody>
            <tr th:each="car,rowStat : *{listCar}">
                <td><input type="text" th:field="*{listCar[__${rowStat.index}__].brand}"/></td>
                <td><input type="text" th:field="*{listCar[__${rowStat.index}__].type}"/></td>
                <td><input type="number" th:field="*{listCar[__${rowStat.index}__].price}"/></td>
                <td><input type="number" th:field="*{listCar[__${rowStat.index}__].amount}"/></td>
                <td><button type="submit" name="removeRow" th:value="${rowStat.index}">Remove</button></td>
            </tr>
            </tbody>
        </table>
        <button type="submit" name="save">Submit</button>
    </form>

</body>
```

Modifikasi addCar.html

Sumber: dibantu temen

3. Perbedaan th:include dan th:replace:

Th:include merupakan atribut yang memasukkan juga bagian dari fragment ke dalam body dari host tag tapi tidak memasukkan fragment tag.

Th:replace merupakan atribut yang mensibstitusikan host tag dengan menghapus isi host tag dan diisi dengan bagian dari fragment termasuk juga fragment tagnya

Contoh:
Masukkin fragment di target page
    th:replace

```html
<div id="tagWithReplaceAttribute" th:replace="fragments/header ::
targetFragmentToIncludeInOurPage"></div>
```

th:include

```html
<div id="tagWithIncludeAttribute" th:include="fragments/header ::
targetFragmentToIncludeInOurPage"></div>
```

Buat fragmentnya

```html
<div th:fragment="targetFragmentToIncludeInOurPage" id="tagWithFragmentAttribute">
<div id="contentGoesHere"></div>
</div>
```

Outputnya

Th:replace

```html
<div id="tagWithFragmentAttribute">
<div id="contentGoesHere"></div>
</div>
```

Th:include

```html
<div id="tagWithIncludeAttribute">
<div id="contentGoesHere"></div>
</div>
```

Sumber:

https://anshulgnit.blogspot.com/2018/05/difference-between-thymeleaf-attribute-replace-insert-and-include.html