

## Java Coding:

```
SeasonalActivityOrganizer.java x
1 package com.example;
2
3 import java.util.EnumSet;
4
5
6 enum Season {
7     SPRING, SUMMER, AUTUMN, WINTER
8 }
9
10 enum Activity {
11     HIKING, SWIMMING, SKIING, PUMPKIN_CARVING
12 }
13
14 class SeasonalActivityOrganizer {
15     private EnumSet<Activity> springActivities;
16     private EnumSet<Activity> summerActivities;
17     private EnumSet<Activity> autumnActivities;
18     private EnumSet<Activity> winterActivities;
19
20     public SeasonalActivityOrganizer() {
21         springActivities = EnumSet.noneOf(Activity.class);
22         summerActivities = EnumSet.noneOf(Activity.class);
23         autumnActivities = EnumSet.noneOf(Activity.class);
24         winterActivities = EnumSet.noneOf(Activity.class);
25     }
26
27     public Set<Activity> getActivitiesForSeason(Season season) {
28         switch (season) {
29             case SPRING:
30                 return springActivities;
31             case SUMMER:
32
33         }
34     }
35 }

Problems Javadoc Declaration Console x Servers
<terminated> SeasonalActivityOrganizer [Java Application] C:\Users\sande\Downloads\eclipse-jee-2024-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.10.v20240120-1143\jre\
[HIKING, SWIMMING, SKIING]
[HIKING]
[SWIMMING]
[SKIING]
[]

Writable Smart Insert 1:1:0
```

# JSP FullStack:

← → ↻ 🔍 localhost:8383/Techm\_Mock\_Exit\_JSP\_Full/ ☆ 🔴 ⋮

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### Create a New Task

Task Title:

Task Description:

Due Date:  
 📅

Priority:  
 ▾

Create Task

## Error.jsp:

← → ↻ 🔍 localhost:8383/Techm\_Mock\_Exit\_JSP\_Full/error.jsp ☆ 🔴 ⋮

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Failed to create task. Please fill in all the required fields.


---

Success.jsp:

localhost:8383/Techm\_Mock\_Exit\_JSP\_Full/CreateTaskServlet

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**Task Created Successfully**

# Spring JPA:

## Task 1: getCurtaainsByPrice(price):

```
localhost:8080/curtaains/byPrice?price=200

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Pretty-print

[
  {
    "id": 3,
    "brand": "BrandC",
    "material": "Silk",
    "color": "Green",
    "price": 300
  },
  {
    "id": 5,
    "brand": "BrandB",
    "material": "Cotton",
    "color": "White",
    "price": 250
  },
  {
    "id": 6,
    "brand": "BrandC",
    "material": "Linen",
    "color": "Black",
    "price": 350
  },
  {
    "id": 7,
    "brand": "BrandA",
    "material": "Silk",
    "color": "Purple",
    "price": 400
  }
]
```

## Task 2: getCurtaainsByBrand(brand):

```
localhost:8080/curtaains/byBrand?brand=BrandA

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Pretty-print

[
  {
    "id": 1,
    "brand": "BrandA",
    "material": "Cotton",
    "color": "Red",
    "price": 150
  },
  {
    "id": 4,
    "brand": "BrandA",
    "material": "Polyester",
    "color": "Yellow",
    "price": 100
  },
  {
    "id": 7,
    "brand": "BrandA",
    "material": "Silk",
    "color": "Purple",
    "price": 400
  }
]
```

Database of curtains:

```
mysql> select * from curtains;
```

id	brand	color	material	price
1	BrandA	Red	Cotton	150
2	BrandB	Blue	Linen	200
3	BrandC	Green	Silk	300
4	BrandA	Yellow	Polyester	100
5	BrandB	White	Cotton	250
6	BrandC	Black	Linen	350
7	BrandA	Purple	Silk	400
8	BrandB	Orange	Polyester	180

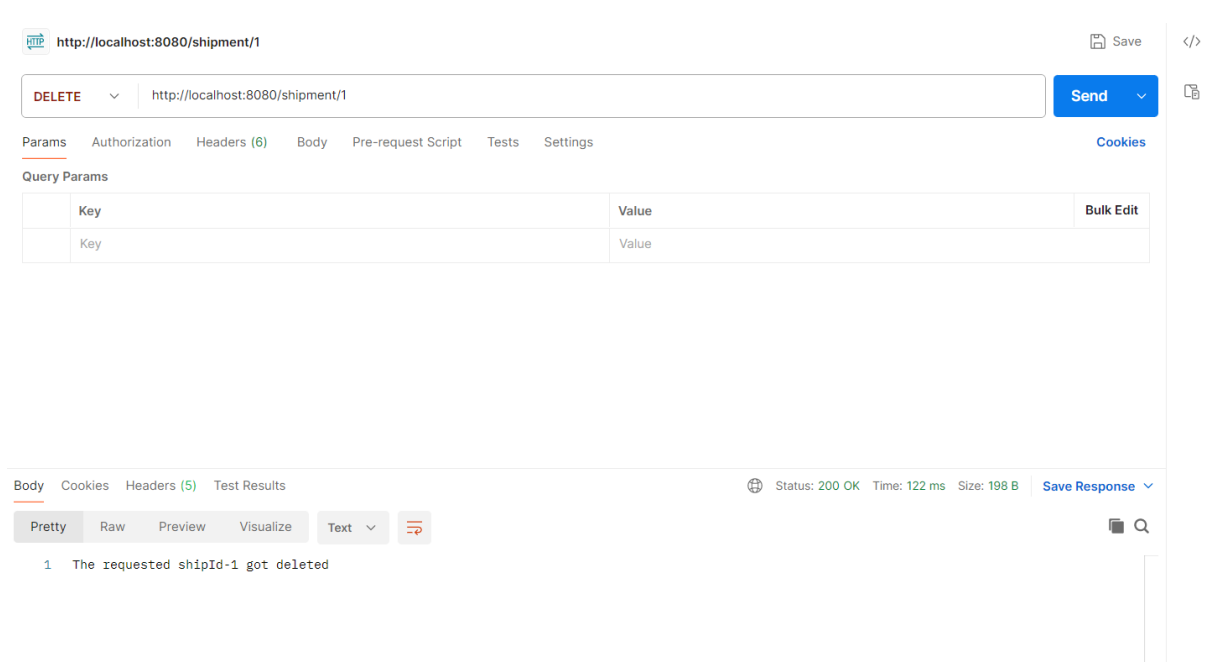
8 rows in set (0.00 sec)

# Spring Boot Full Stack:

## Task1: Get Request with TrackNo



## Task2: Delete Request with shipId:



Database of shipment:

```
mysql> select * from shipment;
+-----+-----+-----+-----+-----+
| ship_id | destination | origin | status | track_no |
+-----+-----+-----+-----+-----+
|      2 | Paris      | London | Pending | TRK002   |
|      3 | Melbourne  | Sydney | Delivered | TRK003   |
+-----+-----+-----+-----+-----+
2 rows in set (0.02 sec)
```