

Tasty Trove Application

Problem Statement:

← Classroom

Spring and Annotations
Tasty Trove

Problem

Submissions

Solutions

Doubts

✓ Tasty Trove Continued - Spring and Annotations

Easy • Score 80/80 • Core Java • Spring Hibernate

Problem statement

Send feedback

In continuation to the problem **Tasty Trove Recipe Finder**, now you have to implement the concepts of IOC and Dependency Injection using Annotations. Complete the application accordingly.

You are supposed to use the camel-case naming convention for writing the bean name inside the **@Component** Annotation where required.

- Example: I have a class with the name NorthIndian, and the bean name for it will be "northIndian".

▼ Tasks:-

1. You need to create a new method in the Recipe interface as mentioned below and will be used in its implementations:

- void setIngredients(String ingredients): This method is responsible for setting ingredient attribute based on Dependency Injection.

Note: Adding setIngredients method gives a generic/optimized approach when you are using multiple implementations.

▼ Flow Chart:-

```
graph LR; A([User starts the application]) --> B[/The application prompts the user to enter their name/]; B --> C[/The application prompts the user to select a recipe/]; C --> D[/The application prompts the user to select ingredient/]; D --> E([Recipe name along with its ingredients are displayed]);
```

Sample Output:

▼ Sample output:-

```
Welcome to Tasty Trove Application
Enter your name?
John
Select Recipe:
1. North Indian
2. South Indian
3. Chinese
3
Select Ingredient:
1. Lentils
2. Rice
3. Wheat
2
Hello user John we suggest you to make Chinese Fried Rice you can use the following ingredients:
1. Steamed Rice
2. Ginger
3. Garlic
4. Soy Sauce
5. Vinegar
```