← 🄲 **Classroom**   Dependency Injection in Spring boot
                            Tasty Trove Recipe Finder ⌄   ❓ V ≡

Problem   **Submissions**   **Solutions**   **Doubts**   ⚙

1. Complete the three classes, Chinese, NorthIndian, and SouthIndian, each
implementing the Recipe interface having similar attributes:

   a. name(String), userName(String), Ingredients(interface)

   b. setIngredients(Ingredients ingredients): This method Injects the
Ingredients interface into the classes using setter injection.

   c. Override the Recipe interface methods mentioned below:

    • getDetails(): The method prints the following message on the console
"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

   The above message contains the username, dishName, and lastly the list of
suggested ingredients based on the type of recipe selected by the user.

    • setUserName(String userName): This method sets the username.

2. Complete the three classes Lentils, Rice, and Wheat, each implementing the
Ingredients interface:

   a. Create a constructor and initialize the recipe lists with some ingredients
of your choice.

   b. Override the interface methods mentioned below:

    • setIngredient(String ingredient): This method sets ingredient flags
(isChinese, isNorthIndian, isSouthIndian) based on the type of recipe and
ingredient selected by the user.

    • getDishDetail(): This method returns a dish name in string format based
on the ingredient flags (isChinese, isNorthIndian, isSouthIndian).

Step 1
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Step 2
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Step 3
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