Test File for executing recipes package
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Here are the steps to execute the package recipes:

```
from recipes import recipe as r
```

```
r.recipe()
```

1. First, we import the recipes package as 'r'
2. Then we call the recipe function.
3. Once we call the function the below prompt is displayed:

```
Please select your food preference
Vegetarian or Non-Vegetarian: |
```

4. The user must type in either "Vegetarian" or "Non-Vegetarian" based on his/her preference. (Kindly type in the same words for proper execution)
5. The user is prompted again to choose the difficulty level. (Kindly enter the same words mentioned in the prompt)

```
Please select your food preference
Vegetarian or Non-Vegetarian: Vegetarian
Choose the difficulty level

Easy , Medium , Hard : |
```

6. The user is given a list of ingredients to choose from to display the recipe ideas.

```
Please select your food preference
Vegetarian or Non-Vegetarian: Vegetarian
Choose the difficulty level

Easy , Medium , Hard : Medium
Please select from the below ingredients:

('Bread', 'Milk', 'Flour', 'Rice', 'Carrot', 'Potato', 'Brocolli', 'Onion', 'Cheese', 'Oats', 'Lentils', 'Noodle
s', 'Pasta', 'Corn', 'Spinach'): |
```

7. The user can select 1 or more ingredients based on his/her preference. Multiple ingredients are separated by a single space. (Kindly type in the same words in the list of ingredients prompted)

```
Please select your food preference
Vegetarian or Non-Vegetarian: Vegetarian
Choose the difficulty level

Easy , Medium , Hard : Medium
Please select from the below ingredients:

('Bread', 'Milk', 'Flour', 'Rice', 'Carrot', 'Potato', 'Brocolli', 'Onion', 'Cheese', 'Oats', 'Lentils', 'Noodl
es', 'Pasta', 'Corn', 'Spinach'): Milk Bread Cheese
```

8. Once the user enters the ingredients of his/her choice, the dishes which are of the preference selected by the user (Vegetarian/Non-Vegetarian) and difficulty level (Easy, Medium, Difficult) are displayed.

```
Please select your food preference
Vegetarian or Non-Vegetarian: Vegetarian
Choose the difficulty level

Easy , Medium , Hard : Medium
Please select from the below ingredients:

('Bread', 'Milk', 'Flour', 'Rice', 'Carrot', 'Potato', 'Brocolli', 'Onion', 'Cheese', 'Oats', 'Lentils', 'Noodl
es', 'Pasta', 'Corn', 'Spinach'): Milk Bread Cheese
Choose one dish from below choices:

['Hot chocolate', 'Milk Shake', 'Sandwich', 'Bread Manchurian', 'Mozerella Cheese sticks', 'Cheese cake']:
|
```

9. The user can enter the name of the dishes he wants the recipe for. The user can only enter the name of only one dish from the list displayed. (Kindly type the exact words in the prompt)

```
Please select your food preference
Vegetarian or Non-Vegetarian: Vegetarian
Choose the difficulty level

Easy , Medium , Hard : Medium
Please select from the below ingredients:

('Bread', 'Milk', 'Flour', 'Rice', 'Carrot', 'Potato', 'Brocolli', 'Onion', 'Cheese', 'Oats', 'Lentils', 'Noodl
es', 'Pasta', 'Corn', 'Spinach'): Milk Bread Cheese
Choose one dish from below choices:

['Hot chocolate', 'Milk Shake', 'Sandwich', 'Bread Manchurian', 'Mozerella Cheese sticks', 'Cheese cake']:
Bread Manchurian
```

10. The user is displayed with the blog link and the youtube video link for the dish selected.

```
Please select your food preference
Vegetarian or Non-Vegetarian: Vegetarian
Choose the difficulty level

Easy , Medium , Hard : Medium
Please select from the below ingredients:

('Bread', 'Milk', 'Flour', 'Rice', 'Carrot', 'Potato', 'Brocolli', 'Onion', 'Cheese', 'Oats', 'Lentils', 'Noodl
es', 'Pasta', 'Corn', 'Spinach'): Milk Bread Cheese
Choose one dish from below choices:

['Hot chocolate', 'Milk Shake', 'Sandwich', 'Bread Manchurian', 'Mozerella Cheese sticks', 'Cheese cake']: Brea
d Manchurian
Recipe blog link:  https://hebbarskitchen.com/dry-bread-manchurian-recipe/

Youtube video link:  https://www.youtube.com/watch?v=yNwdphzU7RU

Do you want to know the calorie count?

Yes or No |
```

11. Along with the above output, the user is prompted if he wants to know the calorie count of the dish selected. If the user types "Yes", the calories count of the recipe is displayed.

```
Please select your food preference
Vegetarian or Non-Vegetarian: Vegetarian
Choose the difficulty level

Easy , Medium , Hard : Medium
Please select from the below ingredients:

('Bread', 'Milk', 'Flour', 'Rice', 'Carrot', 'Potato', 'Brocolli', 'Onion', 'Cheese', 'Oats', 'Lentils', 'Noodl
es', 'Pasta', 'Corn', 'Spinach'): Milk Bread Cheese
Choose one dish from below choices:

['Hot chocolate', 'Milk Shake', 'Sandwich', 'Bread Manchurian', 'Mozerella Cheese sticks', 'Cheese cake']: Brea
d Manchurian
Recipe blog link:  https://hebbarskitchen.com/dry-bread-manchurian-recipe/

Youtube video link:  https://www.youtube.com/watch?v=yNwdphzU7RU

Do you want to know the calorie count?

Yes or No Yes
Calorie count: 192
```

The help function on r displays the following:

```
help(r)
```

```
Help on module recipes.recipe in recipes:

NAME
    recipes.recipe

FUNCTIONS
    recipe()
        The recipe package
        Importing all the required modules for execution
        Imports pandas,recipes.Veg.veg,recipes.NonVeg.nveg,recipes.Veg,recipes.NonVeg modules

        Parameters:

        data(Dataframe) : Consists of the recipe book.

        perf(Str) : Contians the food preference of the user.

        lev,nlev(Str) : It takes the difficulty level entered by the user

        a(class object) : An class object to call the respective easy, medium or difficult methods.

 FILE
    /Users/dishadh/Desktop/data533 collaborative soft dev/DATA533_Lab2/recipes/recipe.py
```

The help function for Non Veg sub package displays the following:

```
help(nv)
```

```
Help on package recipes.NonVeg in recipes:

NAME
    recipes.NonVeg

PACKAGE CONTENTS
    difficult
    easy
    init
    intermediate
    nutrition
    nveg

FILE
    (built-in)
```

Help function of Veg sub package displays the following:

```
help(v)
```

```
Help on package recipes.Veg in recipes:

NAME
    recipes.Veg

PACKAGE CONTENTS
    difficult
    easy
    init
    intermediate
    nutrition
    veg

FILE
    (built-in)
```