Ingredient testing:

Test case 1:

|||||||||||||||||||||||||||||||||||TEST CASE 1||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: CREATING INGREDIENT|||||||||||||||||||||||||

TEST DATA TO BE INPUT: garlic, fruit & veg, 30

enter name:

garlic

enter category:

fruit & veg

enter calories per 100g:

45

name: garlic category: fruit & veg calories(per 100g): 45

TEST PASSED ingredient outputted

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 2:

|||||||||||||||||||||||||||||||||||TEST CASE 2||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: CREATING INGREDIENT|||||||||||||||||||||||||

TEST DATA TO BE INPUT: garlic, fruit & veg, thirty

enter name:

garlic

enter category:

fruit & veg

enter calories per 100g:

thirty

TEST FAILED exception not handled

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 3:

|||||||||||||||||||||||||||||||||||TEST CASE 3||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: CREATING INGREDIENT|||||||||||||||||||||||||

TEST DATA TO BE INPUT: garlic, fruit & veg, -1

enter name:

garlic

enter category:

fruit & veg

enter calories per 100g:

-1

Invalid Entry

enter calories per 100g:

-1

Invalid Entry

enter calories per 100g:

30

name: garlic category: fruit & veg calories(per 100g): 30

TEST PASSED exception handled and ingredient correctly made

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 4:

|||||||||||||||||||||||||||||||||||TEST CASE 4||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: CREATING INGREDIENT|||||||||||||||||||||||||

TEST DATA TO BE INPUT: garlic, abcd, 30

enter name:

garlic

enter category:

abcd

enter calories per 100g:

30

TEST FAILED exception not handled

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 5:

|||||||||||||||||||||||||||||||||||TEST CASE 5||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: DISPLAYING INGREDIENTS|||||||||||||||||||||||||

TEST DATA TO BE INPUT: N/A

name: garlic category: fruit & veg calories(per 100g): 23

name: butter category: Dairy calories(per 100g): 73

name: bread category: Composite food calories(per 100g): 33

name: cornflakes category: Cereal calories(per 100g): 123

name: milk category: Dairy calories(per 100g): 50

TEST PASSED Ingredients displayed with no exceptions

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 6:

|||||||||||||||||||||||||||||||||||TEST CASE 6||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: DELETING INGREDIENTS|||||||||||||||||||||||||

TEST DATA TO BE INPUT: garlic

name: butter category: Dairy calories(per 100g): 73

name: bread category: Composite food calories(per 100g): 33

name: cornflakes category: Cereal calories(per 100g): 123

name: milk category: Dairy calories(per 100g): 50

TEST PASSED garlic removed from ingredients

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 7:

|||||||||||||||||||||||||||||||||||TEST CASE 7||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: UPDATING INGREDIENTS|||||||||||||||||||||||||

TEST DATA TO BE INPUT: garlic2

name: garlic2 category: fruit & veg calories(per 100g): 23

name: butter category: Dairy calories(per 100g): 73

name: bread category: Composite food calories(per 100g): 33

name: cornflakes category: Cereal calories(per 100g): 123

name: milk category: Dairy calories(per 100g): 50

TEST PASSED garlic2 found in ingredients

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 8:

|||||||||||||||||||||||||||||||||||TEST CASE 8||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: UPDATING INGREDIENTS|||||||||||||||||||||||||

TEST DATA TO BE INPUT: none leave blank

name: category: fruit & veg calories(per 100g): 23

name: butter category: Dairy calories(per 100g): 73

name: bread category: Composite food calories(per 100g): 33

name: cornflakes category: Cereal calories(per 100g): 123

name: milk category: Dairy calories(per 100g): 50

TEST FAILED null found in ingredients

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 9:

|||||||||||||||||||||||||||||||||||TEST CASE 9||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: UPDATING INGREDIENTS|||||||||||||||||||||||||

TEST DATA TO BE INPUT: dairy

name: garlic category: Dairy calories(per 100g): 23

name: butter category: Dairy calories(per 100g): 73

name: bread category: Composite food calories(per 100g): 33

name: cornflakes category: Cereal calories(per 100g): 123

name: milk category: Dairy calories(per 100g): 50

TEST PASSED garlic now dairy in ingredients

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 10:

|||||||||||||||||||||||||||||||||||TEST CASE 10||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: UPDATING INGREDIENTS|||||||||||||||||||||||||

TEST DATA TO BE INPUT: abcd

name: garlic category: UNKNOWN calories(per 100g): 23

name: butter category: Dairy calories(per 100g): 73

name: bread category: Composite food calories(per 100g): 33

name: cornflakes category: Cereal calories(per 100g): 123

name: milk category: Dairy calories(per 100g): 50

TEST FAILED garlic category null in ingredients

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 11:

|||||||||||||||||||||||||||||||||||TEST CASE 11||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: UPDATING INGREDIENTS|||||||||||||||||||||||||

TEST DATA TO BE INPUT: 100

name: garlic category: fruit & veg calories(per 100g): 100

name: butter category: Dairy calories(per 100g): 73

name: bread category: Composite food calories(per 100g): 33

name: cornflakes category: Cereal calories(per 100g): 123

name: milk category: Dairy calories(per 100g): 50

TEST PASSED garlic calories updated in ingredients

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 12:

|||||||||||||||||||||||||||||||||||TEST CASE 12||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||TESTING: UPDATING INGREDIENTS|||||||||||||||||||||||||

TEST DATA TO BE INPUT: 100

Invalid Entry try again:

-1

Invalid Entry try again:

30

name: garlic category: fruit & veg calories(per 100g): 30

name: butter category: Dairy calories(per 100g): 73

name: bread category: Composite food calories(per 100g): 33

name: cornflakes category: Cereal calories(per 100g): 123

name: milk category: Dairy calories(per 100g): 50

TEST PASSED garlic calories updated to valid value in ingredients

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Recipe testing:

Test case 1:

|||||||||||||||||||||||||||||||||||TEST CASE 1||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: CREATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT:

name: garlic butter

ingredients: garlic 4 cloves minced

butter 2 knobs salted

method: "add garlic to butter and mix"

course: Starter

servings: 2

name of recipe:

garlic butter

how many ingredients?:

2

name of ingredient:

garlic

enter quantity in grams

4

unit:

cloves

Enter preparation:

minced

name of ingredient:

butter

enter quantity in grams

2

unit:

knobs

Enter preparation:

salted

enter type(Starter,Main Course,Dessert):

Starter

how many steps?:

1

enter step:

add garlic to butter and mix

How many servings?:

2

garlic butter

4 cloves garlic minced

2 knobs butter salted

course: Starter

01. add garlic to butter and mix

servings: 2

total calories:238

TEST PASSED recipe outputted

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 2:

|||||||||||||||||||||||||||||||||||TEST CASE 2||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: CREATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT:

name: garlic butter

ingredients: garlic -1 cloves minced

butter two knobs salted

method: "add garlic to butter and mix"

course: Starter

servings: 2

name of recipe:

garlic butter

how many ingredients?:

2

name of ingredient:

garlic

enter quantity in grams

-1

invalid

4

unit:

cloves

Enter preparation:

minced

name of ingredient:

butter

enter quantity in grams

two

TEST FAILED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 3:

|||||||||||||||||||||||||||||||||||TEST CASE 3||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: CREATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT:

name: garlic butter

ingredients: garlic 4 cloves minced

tomato 2 knobs salted

method: "add garlic to butter and mix"

course: Starter

servings: 2

name of recipe:

garlic butter

how many ingredients?:

2

name of ingredient:

garlic

enter quantity in grams

4

unit:

cloves

Enter preparation:

minced

name of ingredient:

tomato

enter quantity in grams

2

unit:

knobs

Enter preparation:

salted

enter type(Starter,Main Course,Dessert):

Starter

how many steps?:

1

enter step:

add garlic to butter and mix

How many servings?:

2

garlic butter

4 cloves garlic minced

Incomplete ingredient entry

course: Starter

01. add garlic to butter and mix

servings: 2

total calories:92

TEST PASSED recipe outputted

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 4:

|||||||||||||||||||||||||||||||||||TEST CASE 4||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: CREATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT:

name: garlic butter

ingredients: garlic 4 cloves minced

butter 2 knobs salted

method: add garlic to butter and mix"

course: abcd

servings: 2

name of recipe:

garlic butter

how many ingredients?:

2

name of ingredient:

garlic

enter quantity in grams

4

unit:

cloves

Enter preparation:

minced

name of ingredient:

butter

enter quantity in grams

2

unit:

knobs

Enter preparation:

salted

enter type(Starter,Main Course,Dessert):

abcd

how many steps?:

1

enter step:

add garlic to butter and mix

How many servings?:

2

TEST FAILED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 5:

|||||||||||||||||||||||||||||||||||TEST CASE 5||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: CREATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT:

name: garlic butter

ingredients: garlic \*blank\* cloves minced

butter \*blank\* knobs salted

method: add garlic to butter and mix"

course: Starter

servings: 2

name of recipe:

garlic butter

how many ingredients?:

2

name of ingredient:

garlic

enter quantity in grams

4

unit:

cloves

Enter preparation:

minced

name of ingredient:

butter

enter quantity in grams

2

unit:

knobs

Enter preparation:

salted

enter type(Starter,Main Course,Dessert):

Starter

how many steps?:

1

enter step:

add garlic to butter and mix

How many servings?:

2

garlic butter

4 cloves garlic minced

2 knobs butter salted

course: Starter

01. add garlic to butter and mix

servings: 2

total calories:238

TEST PASSED recipe outputted

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 6:

|||||||||||||||||||||||||||||||||||TEST CASE 6||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: DELETING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: toast

name: toast

name: toast2

name: toast3

name: toast4

DELETING

name: toast2

name: toast3

name: toast4

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 7:

|||||||||||||||||||||||||||||||||||TEST CASE 7||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: DELETING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: pizza

name: toast

name: toast2

name: toast3

name: toast4

DELETING

name: toast

name: toast2

name: toast3

name: toast4

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 8:

|||||||||||||||||||||||||||||||||||TEST CASE 8||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: DELETING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: toast

Listing recipe

recipe listed

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 9:

|||||||||||||||||||||||||||||||||||TEST CASE 9||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: DELETING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: pizza

Listing recipe

recipe listed

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 10:

|||||||||||||||||||||||||||||||||||TEST CASE 10||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: UPDATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: toast ---> baked bread

Listing recipe

name: toast

name: toast2

name: toast3

name: toast4

enter recipe to edit

toast

1. Update Name

2. Update Ingredients

3.Update Method. Update Portions

1

enter new value

baked bread

Listing updated recipes

name: baked bread

name: toast2

name: toast3

name: toast4

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 11:

|||||||||||||||||||||||||||||||||||TEST CASE 11||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: UPDATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: toast ---> \*blank\*

Listing recipe

name: toast

name: toast2

name: toast3

name: toast4

enter recipe to edit

toast

1. Update Name

2. Update Ingredients

3.Update Method. Update Portions

1

enter new value

invalid, please enter new value

invalid, please enter new value

toast

Listing updated recipes

name: toast

name: toast2

name: toast3

name: toast4

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 12:

|||||||||||||||||||||||||||||||||||TEST CASE 12||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: UPDATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: toast 4 cloves garlic --> toast 400g garlic

Listing recipe

name: toast

name: toast2

name: toast3

name: toast4

enter recipe to edit

toast

1. Update Name

2. Update Ingredients

3.Update Method. Update Portions

2

how many ingredients?:

2

name of ingredient:

garlic

enter quantity in grams

400

unit:

g

Enter preparation:

minced

name of ingredient:

butter

enter quantity in grams

300

unit:

g

Enter preparation:

salted

Listing updated recipe

toast

400 g garlic minced

300 g butter salted

course: Starter

1. Toast bread

2. spread on butter and enjoy

servings: 1

total calories:311

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 13:

|||||||||||||||||||||||||||||||||||TEST CASE 13||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: UPDATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: toast 4 cloves garlic --> toast four cloves garlic

Listing recipe

name: toast

name: toast2

name: toast3

name: toast4

enter recipe to edit

toast

1. Update Name

2. Update Ingredients

3.Update Method. Update Portions

2

how many ingredients?:

2

name of ingredient:

garlic

enter quantity in grams

four

Exception in thread "main" java.util.InputMismatchException

at java.base/java.util.Scanner.throwFor(Scanner.java:947)

at java.base/java.util.Scanner.next(Scanner.java:1602)

at java.base/java.util.Scanner.nextInt(Scanner.java:2267)

at java.base/java.util.Scanner.nextInt(Scanner.java:2221)

at Part01.QUBKitchen.updateRecipe(QUBKitchen.java:541)

at Part02.recipeManagementTester.TC13(recipeManagementTester.java:318)

at Part02.recipeManagementTester.main(recipeManagementTester.java:23)

Error not handled in case as we are limited to just the scanner in java.util and cannot catch input mismatch exceptions without access to its import.

Test case 14:

|||||||||||||||||||||||||||||||||||TEST CASE 14||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: UPDATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: toast 4 cloves garlic --> toast -4 cloves garlic

Listing recipe

name: toast

name: toast2

name: toast3

name: toast4

enter recipe to edit

toast

1. Update Name

2. Update Ingredients

3.Update Method. Update Portions

2

how many ingredients?:

2

name of ingredient:

garlic

enter quantity in grams

-4

invalid try again:

4

unit:

cloves

Enter preparation:

minced

name of ingredient:

butter

enter quantity in grams

-2

invalid try again:

2

unit:

knobs

Enter preparation:

salted

Listing updated recipe

toast

4 cloves garlic minced

2 knobs butter salted

course: Starter

1. Toast bread

2. spread on butter and enjoy

servings: 1

total calories:238

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 15:

|||||||||||||||||||||||||||||||||||TEST CASE 15||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: UPDATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: toast 4 cloves garlic --> toast 4 cloves tomato

Listing recipe

name: toast

name: toast2

name: toast3

name: toast4

enter recipe to edit

toast

1. Update Name

2. Update Ingredients

3.Update Method. Update Portions

2

how many ingredients?:

2

name of ingredient:

tomato

enter quantity in grams

4

unit:

cloves

Enter preparation:

minced

name of ingredient:

butter

enter quantity in grams

2

unit:

knobs

Enter preparation:

salted

Listing updated recipe

toast

Incomplete ingredient entry

2 knobs butter salted

course: Starter

1. Toast bread

2. spread on butter and enjoy

servings: 1

total calories:146

TEST FAILED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 16:

|||||||||||||||||||||||||||||||||||TEST CASE 16||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: UPDATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: toast Starter --> toast Main Course

Listing recipe

name: toast

name: toast2

name: toast3

name: toast4

enter recipe to edit

toast

1. Update Name

2. Update Ingredients

3.Update Method

4. Update Portions

5. Update type

5

new type:

Main Course

Listing updated recipe

toast

1 slice bread freshly sliced crust on

1 knob butter soft at room temperature

course: Main Course

1. Toast bread

2. spread on butter and enjoy

servings: 1

total calories:106

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 17:

|||||||||||||||||||||||||||||||||||TEST CASE 17||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: UPDATING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: toast Starter --> toast Main Course

Listing recipe

name: toast

name: toast2

name: toast3

name: toast4

enter recipe to edit

toast

1. Update Name

2. Update Ingredients

3.Update Method

4. Update Portions

5. Update type

5

new type:

abcd

Listing updated recipe

toast

1 slice bread freshly sliced crust on

1 knob butter soft at room temperature

course: Starter

1. Toast bread

2. spread on butter and enjoy

servings: 1

total calories:106

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Weekly Menu Testing:

Test case 1:

|||||||||||||||||||||||||||||||||||TEST CASE 1||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: CREATING MENU|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: start: 1 end: 2

starter: toast main: toast2: dessert: toast3

Enter starting week (e.g. week 1)

1

Enter end week

2

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

1 - 2Day: Monday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Friday

Starter: toast

Main Course: toast2

Dessert: toast3

TEST PASSED menu outputted

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 2:

|||||||||||||||||||||||||||||||||||TEST CASE 2||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: CREATING MENU|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: start: 1 end: 2

starter: toast2 main: toast2: dessert: toast3

Enter starting week (e.g. week 1)

1

Enter end week

2

Enter Starter

toast2

Invalid Starter. Please try again.

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

1 - 2Day: Monday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Friday

Starter: toast

Main Course: toast2

Dessert: toast3

TEST PASSED menu outputted

1 - 2Day: Monday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Friday

Starter: toast

Main Course: toast2

Dessert: toast3

TEST PASSED menu outputted

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 3:

|||||||||||||||||||||||||||||||||||TEST CASE 3||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: CREATING MENU|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: start: 511 end: 2

starter: toast main: toast2: dessert: toast3

Enter starting week (e.g. week 1)

511

Enter end week

2

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

511 - 2Day: Monday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Friday

Starter: toast

Main Course: toast2

Dessert: toast3

TEST FAILED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 4:

|||||||||||||||||||||||||||||||||||TEST CASE 4||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: DELETING MENU|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: start: 2

TEST PASSED no menu starting at week 2 found

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 5:

|||||||||||||||||||||||||||||||||||TEST CASE 5||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: DELETING MENU|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: start: 9

2 - 3Day: Monday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Friday

Starter: toast

Main Course: toast2

Dessert: toast3

TEST PASSED menu list unaltered

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 6:

|||||||||||||||||||||||||||||||||||TEST CASE 6||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: DISPLAYING MENU|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: start: 2

2 - 3Day: Monday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Friday

Starter: toast

Main Course: toast2

Dessert: toast3

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 7:

|||||||||||||||||||||||||||||||||||TEST CASE 7||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: DISPLAYING MENU|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: start: 25

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 8:

|||||||||||||||||||||||||||||||||||TEST CASE 8||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: UPDATING MENU |||||||||||||||||||||||||||

TEST DATA TO BE INPUT: start: 1

Enter starting week of the menu to edit:

2

1. update start week

2. update ending week

3. update menu content

1

enter new start week:

1

1 - 3Day: Monday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Friday

Starter: toast

Main Course: toast2

Dessert: toast3

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 9:

|||||||||||||||||||||||||||||||||||TEST CASE 9||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: UPDATING MENU |||||||||||||||||||||||||||

TEST DATA TO BE INPUT: start: -1

Enter starting week of the menu to edit:

2

1. update start week

2. update ending week

3. update menu content

1

enter new start week:

-1

-1 - 3Day: Monday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Friday

Starter: toast

Main Course: toast2

Dessert: toast3

TEST FAILED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 10:

|||||||||||||||||||||||||||||||||||TEST CASE 10||||||||||||||||||||||||||||||||

|||||||||||||||||||||||||||| TESTING: UPDATING MENU |||||||||||||||||||||||||||

TEST DATA TO BE INPUT: dessert: toast3 ---> cake

Enter starting week of the menu to edit:

2

1. update start week

2. update ending week

3. update menu content

3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

cake

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

cake

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

cake

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

cake

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

cake

[[Ljava.lang.Object;@27973e9b

2 - 3Day: Monday

Starter: toast

Main Course: toast2

Dessert: cake

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: cake

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: cake

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: cake

Day: Friday

Starter: toast

Main Course: toast2

Dessert: cake

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test case 11:

|||||||||||||||||||||||||||||||||||TEST CASE 11||||||||||||||||||||||||||||||||

|||||||||||||||||||||||||||| TESTING: UPDATING MENU |||||||||||||||||||||||||||

TEST DATA TO BE INPUT: dessert: toast1 ---> toast2

Enter starting week of the menu to edit:

2

1. update start week

2. update ending week

3. update menu content

3

Enter Starter

toast2

Invalid Starter. Please try again.

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

Enter Starter

toast

Enter Main Course

toast2

Enter Dessert

toast3

TEST PASSED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Integration tests:

Test 1: deleting ingredient used in recipe

|||||||||||||||||||||||||||||||||||TEST CASE 18||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING:DISPLAYING RECIPE|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: delete bread ingredient then display cake

Listing recipe

cake

1 slice bread freshly sliced crust on

1 knob butter soft at room temperature

course: Dessert

1. Toast bread

2. spread on butter and enjoy

servings: 1

total calories:106

bread deleted re displaying cake

cake

1 slice bread freshly sliced crust on

1 knob butter soft at room temperature

course: Dessert

1. Toast bread

2. spread on butter and enjoy

servings: 1

total calories:106

TEST FAILED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||

Test 2: Deleting a recipe in the weekly menu

|||||||||||||||||||||||||||||||||||TEST CASE 6||||||||||||||||||||||||||||||||

||||||||||||||||||||||||||||TESTING: DISPLAYING MENU|||||||||||||||||||||||||||

TEST DATA TO BE INPUT: start: delete recipe toast3 then display menu

2 - 3

Day: Monday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Friday

Starter: toast

Main Course: toast2

Dessert: toast3

2 - 3

Day: Monday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Tuesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Wednesday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Thursday

Starter: toast

Main Course: toast2

Dessert: toast3

Day: Friday

Starter: toast

Main Course: toast2

Dessert: toast3

TEST FAILED

||||||||||||||||||||||||||||||||||END TEST CASE|||||||||||||||||||||||||||||||||