Code reflection for steppingstone lab four

Brief explanation of code

This code is used to collect information about a recipe and the ingredients that will be used in the recipe. The code prompts the user to provide information about the name of the recipe and stores the name in "recipename" variable. The code also creates an Array List called "ingredientList" that will be used to store the list of ingredients that will be needed for this recipe.

A "do while loop" with an "if statement" is used to request for the ingredients needed for the recipe. The do while loop and if statement is used to ask the user over and over "if he would like to enter an ingredient" and to reply with yes or no. If the user replies with yes, another prompt will ask the user to provide the name of the ingredient he would like to add. Then the ingredients will be added into the Array list "ingredientList." If the user replies "no," then the if statement will break out of the loop

In the last section of the code, a for loop is used to loop over the values of the array list, store them into a variable called ingredient, and then print all the values to the user.

Purpose

This code is used to collect information about a recipe and the ingredients that will be used in that recipe. It then prints the values of the ingredients to the user.

A brief discussion of your experience in developing it, including any issues that you encountered while completing the steppingstone

Developing this code was a little more challenging than previous steppingstones. This I believe is because I had to take a long time to understand what I needed to do. Also, I faced difficulties comparing the values of strings in the if statement conditional. I tried using the (==) to compare user input to "y" but it will not work. That was also challenging as well. Apart from these all-other tasks were doable.

what approaches you took to solve them

To figure out how to compare strings, I just basically googled it and found a post on Stack overflow that told me to use the string.equal() method to compare strings. I did that and it worked.