Hello, my name is Lucas Bedolla Garcia and I created a pantry full of ingredients for users to choose from. It allows them to look at a couple of recipe options and choose whichever one sounds good to them. The program will let the user know if they do not have the ingredients for a specific recipe or not.

In this Program I used :
- Data Types & Data Sizes
- File Types
- Pointers
- Arrays
- A Binary Search Function
- Strings
- File I/O
- Two Classes

```
Your Pantry Ingredients:
- beans
- carrot
- cellery
- chicken
- onions
- pasta
- rice
- tomatopaste

Available recipes:
1. Chicken Noodle Soup
2. Beans and Rice
3. Pasta with Marinara

Enter the number of the recipe you want to make (1-3): 3

Checking if you can make: Pasta with Marinara
 Sorry, you do not have all the ingredients for Pasta with Marinara.

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To automatically close the console when debugging stops, enable Tools-
le when debugging stops.
Press any key to close this window . . .
```

```
Your Pantry Ingredients:
- beans
- carrot
- cellery
- chicken
- onions
- pasta
- rice
- tomatopaste

Available recipes:
1. Chicken Noodle Soup
2. Beans and Rice
3. Pasta with Marinara

Enter the number of the recipe you want to make (1-3): 1

Checking if you can make: Chicken Noodle Soup
You have all the ingredients to make Chicken Noodle Soup!

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le when debugging stops.
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```
Your Pantry Ingredients:
- beans
- carrot
- cellery
- chicken
- onions
- pasta
- rice
- tomatopaste

Available recipes:
1. Chicken Noodle Soup
2. Beans and Rice
3. Pasta with Marinara

Enter the number of the recipe you want to make (1-3): 2

Checking if you can make: Beans and Rice
You have all the ingredients to make Beans and Rice!

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le when debugging stops.
Press any key to close this window . . .
```

```
Your Pantry Ingredients:
- beans
- carrot
- cellery
- chicken
- onions
- pasta
- rice
- tomatopaste

Available recipes:
1. Chicken Noodle Soup
2. Beans and Rice
3. Pasta with Marinara

Enter the number of the recipe you want to make (1-3): 3
```

```
Your Pantry Ingredients:
- beans
- carrot
- cellery
- chicken
- onions
- pasta
- rice
- tomatopaste

Available recipes:
1. Chicken Noodle Soup
2. Beans and Rice
3. Pasta with Marinara

Enter the number of the recipe you want to make (1-3):
```

```
Your Pantry Ingredients:
- beans
- carrot
- cellery
- chicken
- onions
- pasta
- rice
- tomatopaste

Available recipes:
1. Chicken Noodle Soup
2. Beans and Rice
3. Pasta with Marinara

Enter the number of the recipe you want to make (1-3): 1
```

```
Your Pantry Ingredients:
- beans
- carrot
- cellery
- chicken
- onions
- pasta
- rice
- tomatopaste

Available recipes:
1. Chicken Noodle Soup
2. Beans and Rice
3. Pasta with Marinara

Enter the number of the recipe you want to make (1-3): 2
```

A unique challenge I faced while doing this project was figuring out how to incorporate arrays and read arrays within a loop and then to have that loop then report back if the recipe had the necessary ingredients within the pantry.