

```
# Hirabai Renaud (1874635)
# cse20 Fall 2021
# Python 3.9.7, 12/02/2021
```

README\_FILE

### **The Class:**

The class is “Cake” as it sounds, it is about the baking of a cake. Learn about the different ingredients and enjoy how simple your life is in making it. With a simple click, you will have the experience of wonder and complete and utter amazement at the sheer possibilities of such a cake...if it were true. Now quickly embark a fast-paced journey from the comfort of your screen, without any interactions of the outside world.

### **Variables:**

**Ingredients:** Stores the ingredients for the cake.

**Recipe:** Stores the steps for the recipe needed to bake the cake.

**Additional:** Named additional as it provides an additional ingredient to the ingredient list.

**Extra\_step:** Provides one more step in the recipe list.

### **Data\_Variables:**

**Lists:** I highly depended on lists on this assignment. They stored the information, which I would retrieve in a somewhat ordered fashion.

**Strings:** Although I did use some integers, most of what I worked with was string-based information. With this I could concatenate and knew how to append in this scenario.

### **Class\_Variable:**

**cake:** would call out the class and the methods stored in the constructor.

### **Methods:**

**Get\_Recipe:** Would print the recipe. However they had to be called out by the main function section.

**Get\_Ingredients:** Would print the ingredients. Used the same steps as get\_recipe.

**Add\_Ingredient:** Would add an ingredient to get\_ingredient. This would be done through the use of the built-in function “.append()”.

**Add\_extra\_step:** Would add an extra recipe step in the get\_recipe list. Had to use another variable called “step” to be able to use concatenation.

### **Demo Program Documentation:**

The demo Program within the assignment 10.1 does not require anything other than an IDE to run. It provides all the information needed to run the code, and direct it directly to what the user can see. It is very simple and effective in being able to demonstrate the basics of what we have gone through throughout the quarter. It uses variables stored with simple string designs to store bits of information and retrieve it using the methods I've discussed above.

To run it, the user only needs an IDE. After that it is a simple program, where you run it and it'll do exactly as it should.