**What is abstraction and why is it important?**

* **Explain the meaning of Abstraction**

This week I learned through the exercises that abstration is a form of coding that simplify certain tasks a programmer would have when writing a program.

* **Highlight a benefit of Abstraction**

One of benefits of abstraction that I can think of is how easy is to fix code errors. A program that has a variety of tasks, by using abstraction and assigning every single task to a class, the program becomes simple to approach and easy to read and if there will be an error we can solve the error without having to change the whole code but only the class of the task that has the error, and if will no affect anywhere else in the program.

* **Provide an application of Abstraction**

A clear example of an abstraction is a recipe and this recipe has 3 sections, name of the recipe, Ingredients and How to make.

* **Use a code example of Abstraction from the program you wrote**

To put that in code we can divide it in 3 classes of code:

Public class RecipeName

Public class Ingredients

Public class HowToMake

* **Thoroughly explain these concepts (this likely cannot be done in less than 100 words)**

Then after dividing into classes we can now write its purposes, the