The Single Responsibility Principle was utilized in my Lemonade Stand in a few cases. Primarily it was used in my WeatherTypes class to perform the singular function of using the Random method to generate a daily forecast and temperature. The reasoning for this was that I wanted to not overload the Day class with many methods needed to execute the lemonade stand. The WeatherTypes class does one thing well, leaving the more complicated actions to my other classes.

The Open/Closed Principle is utilized in my Recipe and Inventory classes. They follow the ‘O’ in SOLID as they are open to be extended by adding more ingredients to the lemonade, however, they are closed to any further modification to code.