Week 4 Articulate Document

The meaning of Abstraction is to help you breakdown a larger program into smaller pieces. Like the Joke says, “How do you eat an elephant?” One bite at a time. You can apply this to programming and creating a program. Looking at the Big Picture, one can get overwhelmed quickly, whereas breaking it down into small pieces, you can figure out the small pieces easier.

A Code Sample may be:

public class Entry

{

public Entry(string prompt, string userEntry)

{

// Gets the prompt and stores it in a Variable (As a String)

\_prompt = prompt;

// Gets the user Entry and stores in in a Variale (As a String)

\_userEntry = userEntry.Replace(",", "|");

// Gets the date and stores it in a Variable

\_date = DateTime.Now.ToString("MM/dd/yyyy");

}

public string \_userEntry;

public string \_prompt;

public string \_date;

// public List<string> \_entryList;

public void Display()

{

Console.WriteLine($"Date: {\_date} - Prompt: {\_prompt}");

Console.WriteLine(\_userEntry);

}

}

Up until this lesson, I’ve struggled with what was needed in a program. I was to the point, I could look at the code, tell you what it was doing, but struggled with breaking it down. This lesson has helped some in this area