To my understanding, abstraction is when we only show the important parts of something and hide all the extra details that aren’t necessary to see. Abstraction makes programs easier to understand so that way we can focus on what’s needed. It’s beneficial because it keeps code simple and easy to change later.

In my journal program, I used abstraction for the date. I don’t need to know how my program finds the current date, but abstraction allows me to get it and use it.

**My programs example of extraction:**

public class Entry

{

    public string Date { get; set; }

    public string Content { get; set; }

    public int Mood { get; set; }

    public Entry(string content, int mood)

    {

        Date = Utils.GetDate();

        Content = content;

        Mood = mood;

    }

}

In this code, the Utils.GetDate() does all the work to get the date. The Entry class makes it to where only the result of the Utils.GetDate() show. This makes my program easier to read, use and fix if anything else changes.