## JOURNAL ASSIGNMENT- Exercise 7

## Learning Objectives

* Identify what objects to write based on a written problem
* Identify what functions belong to what objects
* Practice thinking about objects
* Practice building objects

## Instructions Write an application that simulates a journal. A journal is essentially a list of entries. Make sure that you can do all of the following things:

* Create a journal. When you create it, it should have no entries.
* Create an entry. Each entry should have a *title*, *content*, and an *author*.
* Add an entry to your journal.
* Display all the entries in your journal.

Before you get started, think about what kind of objects you want to create, and what those objects are responsible for.

Once the the appropriate functions have been created and you can add and display your journal entries in the console, create a UI for your journal using HTML, CSS, and jQuery. You should be able to view and manipulate the journal from your browser instead of using the console. Try and make your journal look as appealing as possible!

## Completing This Assignment The assignment is completed when you've added all the requested functionality, and you have a thorough understanding of how your objects work together.

## Critical Reflection & Self-Assessment

* Do I understand how to write object constructors?
* Do I understand how to call functions on objects?

## Diving Deeper

Once you've got that working, add more functionality!

* When you're displaying an entry, make it look pretty.
* Add timestamps to your entries when creating them.
* Add tags to entries. An entry should be able to have any number of tags.
* Add the ability to find all entries in your journal with a specific tag.
* Add the ability to find all entries in your journal that contain a specific string.
* Add the ability to display a specific entry.
* Add the ability to display a specific list of entries.
* Delete a specified entry.
* Add a function that censors your journal -- censoring your journal should replace a supplied word with X's
* Be creative! Add whatever else you can think of!