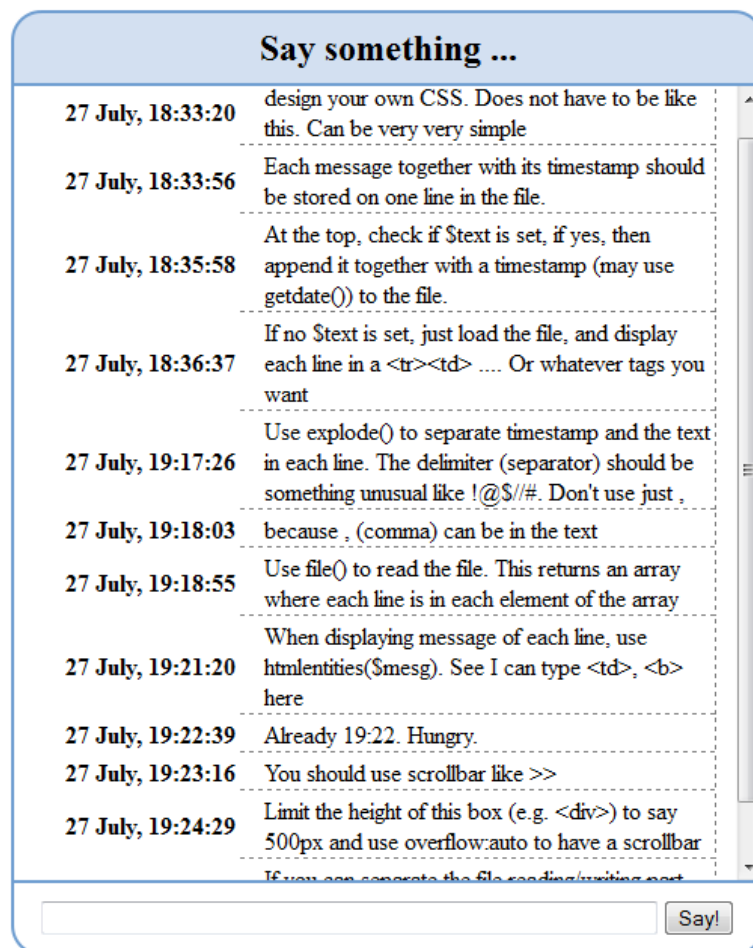


School of Information and Computer Technology  
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Laboratory #5: PHP II Exercises

1. Create a shout box. A shout box is a simple message logging application. Each message must be stored with its timestamp. The log content must be kept in a file.

Here is an example of a shout box.



You may store each message and its timestamp as one line in the file. Alternatively, you can also keep all the content in an array, serialize the array, and write to a file. Also, see section "File-base Web Applications" for an important side note.

**Challenge** (do this if you have time): Add a small link to each message which, when clicked, allows the user to delete the associated message. You may also add a "Clear" button which clears all the messages.



3. Create a movie voting system. Movie list and their movie results must be kept in a file. The user must be able to add a new movie to the list.

Here is an example.

What is your favorite movie ?

Movie	Score	Vote
The Dark Knight Rises	4	<input type="button" value="vote The Dark Knight Rises"/>
Be with you	5	<input type="button" value="vote Be with you"/>
Superman	2	<input type="button" value="vote Superman"/>
Spiderman	1	<input type="button" value="vote Spiderman"/>
Titanic	2	<input type="button" value="vote Titanic"/>

You may store each movie and its vote as one line in the file. Alternatively, you can also keep all the content in an array, serialize the array, and write to a file. Also, see section "File-base Web Applications" for an important side note. Design your own CSS. It does not have to be like in the example.

**Challenge** (do this if you have time): Add a small link to each movie which, when clicked, allows the user to delete the associated movie. You may also add a "Clear" button which clears all the movies.

**Challenge 2** (do this if you have time): Display the vote scores as a percentage bar instead of just numbers. The bars should be in such a way that the movie with the highest vote has the longest bar. Accordingly, the movie with the lowest vote has the shortest bar. HINT: Use image and set its width proportional to the score.

## **File-based Web Applications**

In practice, file-based web applications should have a file locking mechanism to prevent simultaneous writing to the same file by different users. This can cause a content loss. Later on, you will learn to use a database management system, which will automatically take care of such simultaneous writing problem. For now, just assume that there is only one user of the web site. So, we do not need a file locking here.