

## Instructions

To get credit for this extra credit assignment, you must work with one other person doing pair programming. The person you pair up with does not need to be in your semester project group.

- Group size of exactly 2

This set of extra credit assignments will be over topics covered on the midterm, such as XHTML, CSS, and PHP.

- HTML, CSS, and PHP

Zip any and all files for this project and submit it via Blackboard before the due date. Make sure to include both peoples' names.

## Description

You will write a small webpage that has a text area for somebody to write notes. When the user hits the “save” button, the PHP back-end will save a .txt file to the server. You will not need to load any text files from the server, and you can verify the text file was created via Filezilla.

The page will also require proper XHTML and some CSS styling, as listed in the requirements.

## Requirements

Create two files: **ExtraCredit2.php5** and **ExtraCredit2-Backend.php5**.

### XHTML: ExtraCredit2.php5

1. Use proper XHTML
2. You need a form, whose method is “post”.
  1. Within the form, you need a textarea, whose name is “notes”.
  2. Within the form, you need a input item whose type is “submit” and name is “save-note”.
3. The ExtraCredit2.php5 file should **include** ExtraCredit2-Backend.php5

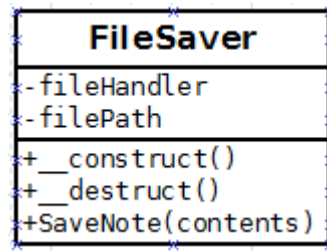
### CSS

1. No required CSS.

### PHP: ExtraCredit2-Backend.php5

In the backend file, you will need to **declare** a class and **define** its functions. You will also have to do a check for whether the “save-note” button got pressed.

Class diagram:



Your class will be named **FileSaver**.

It will have two private member variables: **fileHandler** and **filePath**.

It will have three functions: The constructor, the destructor, and **SaveNote**.

Within the Constructor:

1. Set the **filePath** member equal to “note.txt”
2. Use the **fopen** function to open the file at the **filePath** path, storing it in **fileHandler**. The flag should be “w” for write.

Within the Destructor:

1. Use the **fclose** function to close **fileHandler**

The **SaveNote** function has one parameter: **contents**.

Within the **SaveNote** function:

1. Use the **fwrite** function to write the **contents** parameter to the **fileHandler**.

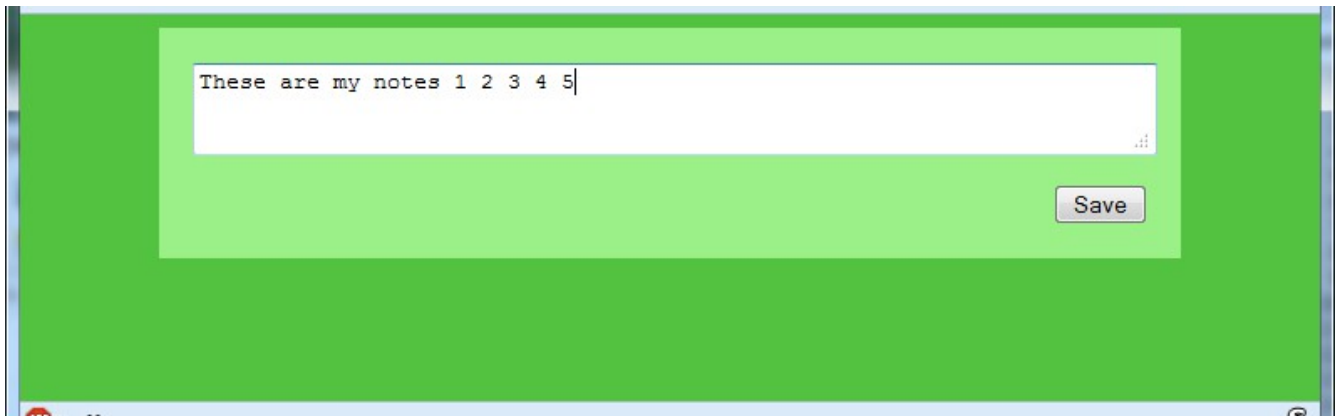
Then, outside of the class, you should be checking for whether **\$\_POST[“save-note”]** has been set. If it has been set, then create **a new instance of the FileSaver** class and storing it as the variable, **\$fs**.

After creating **\$fs**, call the **SaveNote** function. Pass in the **\$\_POST[“notes”]** data.

After running the webpage on the server, refresh the directory in Filezilla to check whether it saved the file properly.

- You do not need to load any files.
- You do not need to append to the end of any files.

## Screenshot Sample



1	These are my notes 1 2 3 4 5
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