

PHP

Lab 06

Task 1

Create a **SoftwareDeveloper** & **AgileCoach** class which inherits from **Employee** class. **SoftwareDeveloper** class has one additional class attribute called **prog lang**. **AgileCoach** also has one additional class attribute called **employees** & three class methods which **add**, **remove**, **search** & **show all** employees managed by **AgileCoach**. **Note:** employees is a list of **SoftwareDeveloper** objects.

Use the three **SoftwareDeveloper** objects & **AgileCoach** object provided to display the expected output.

```
<?php class
    Employee {
    protected
    $first_name;
    protected
    $last_name;
    protected
    $salary;

    public function __construct($first_name, $last_name, $salary) {
        $this->first_name = $first_name;
        $this->last_name = $last_name;
        $this->salary = $salary;
    }

    public function __toString() { return $this->first_name . " " . $this->last_name; }
}

$sft_dev_one = new SoftwareDeveloper("Alfredo", "Boyle", 50000, "C#");
$sft_dev_two = new SoftwareDeveloper("Malik", "Martin", 55000, "JavaScript");
$sft_dev_three = new SoftwareDeveloper("Livia", "Martin", 75000, "Kotlin");
$agile_coach = new AgileCoach("Lillian", "Cunningham", 100000, array($sft_dev_one, $sft_dev_two)); //
```

Write your solution here

```
// Expected output:
// Malik Martin
// Livia Martin
// Alfredo Boyle not found
```

```
// Livia Martin found  
?>
```

Task 2

In Task 1 of Lab 5, you created a web page for a hypothetical restaurant which let the customers select items and admins add/delete items. In this task, using PHP you will store and read information to/from the server. For each item, an image must be uploaded to the **uploads** folder on the server. The name of the image file must follow the following structure to include all information about the item:

Item@Description@Price

The file extension would be the same as the extension of the original file (e.g. JPG). Here is an example:

Burger@A juicy beef burger with all the fixings@10.99.png

Three samples have been provided in the uploads folder in the Lab 6 files. You need to add PHP scripts to read all files in the **uploads** folder and send the list of files the front-end. You also need script for uploading the file for new items and deleting the files when the admin pushes the trash button next to the item.

You need to also add JavaScript code to decompose the name of the files and extract the data for existing items. For new items, the JS code must append all information to the filename and give it to the PHP script to upload on the server.

Since we have not yet covered MySQL and storing data on a database, we use this simple method to store information on the server. So, by refreshing the page or closing the browser, data will persist.

Task 3

Please use GitHub classroom to submit your files for lab tasks. Follow the instructions in Lab 5- Appendix 1. Note that there is no mark for your submission and it is for practice only.

Task 4

Practice PHP using <https://www.w3schools.com/php/>