

## EECS 1012: LAB #5 – Forms and PHP (Oct 30 – Nov 3, 2017)

1. Read the lab instructions in this document and take the pre-lab quiz for Lab #5 -- the TAs will not mark your lab if you do not show them you have not scored 100% on the pre-lab quiz.

Please have a look at the examples posted [here](#) for Forms. These examples come directly from the lecture notes. Copy them into the [www](#) directory in order to work properly.

### 2. GOALS & OUTCOMES FOR THIS LAB

- To help you learn how to use HTML Forms
- To continue use and apply PHP programming
- To continue basic file I/O in PHP

### 3. LAB 5 – TASK

[Task 0] – Change the orderForm.html to have your name in the place it shows “YOUR NAME”.

[Task 1] – Modify the orderForm.html to have the UI fields shown on the next page.

[Task 2] – Modify the orderConfirmation.php to print out the contents passed from the forms (see last page of this lab). You will also need to write some of the data to a file named “orders.txt”.

### 4. SUBMISSIONS

#### 1) [Manual verification by a TA]

As with the previous labs, when you have completed all tasks, ask the TA to come and verify your code and output.

#### 2) Moodle submission

You will see an assignment submission link for Lab4 on Moodle.


1) Create a **folder** named “**Lab5**” and copy all of your files into it. Compress this file and upload the compressed file to Moodle. To upload, please follow the instructions in the following video that we used for Lab 1:

<https://www.youtube.com/watch?v=stEOh6ntV5o>

**TASK 1.** You are given three files: `orderForm.html`, `orderConfirmation.php`, and `orders.txt`. Place all of these files in your `www` directory on the virtual box. For your first task, modify the `orderForm.html` file to appear like the one shown below. Details of the form's UI are provided in the text boxes.

## Cat Fail Video T-Shirt

Share your friends how much the Internet means to you with your very own Cat Fail Video T-Shirt.



### Order Information

Select color: White ▾

Select shirt size: Large - \$11.99 ▾

Is this a gift? ☐

Write your gift message here:

### Payment Information

#### Credit Card Details

Card type  
☐ Visa ☐ Master Card ☐ Discover

Name on credit card

Credit Card Number

Expiration Date

### Confirm Order

Create a `<form>` with action for file `http://localhost/orderConfirmation.php`. The `<form>` .. `</form>` should contain all the form UI tags, even the tags are in different "divs".

Use "select" to create a pull down list of the following options:

White (default)  
Black  
Red  
Green  
blue

Use the attribute "selected=selected" for the option White to make it the default.

The name of this parameter is "color".

Use "select" to create another pull down list:

Small - \$9.99  
Medium - \$10.99  
Large - \$11.99 (default)  
X-Large - \$12.99

Name of this parameter is "sizeandprice".

Radio buttons name="cardtype".

Possible values: visa, master, discover

Text fields

Parameter names are "name" and "cardnumber". Set to max=40, (use inline style to make width of 70%).

Checkbox name "gift".

Text area name is "message". The text area has 5 rows and 50 columns.

Use fieldset and legend.

Set to HTML5 input type "date", max=14, inline style width is 40%.

Have a submit button.

Use CSS to change the font size to 1.5em. (selector is `input[type="submit"]`)

Have a reset button.

## Task 2: orderConfirmation.php, orders.txt

For Task 2, get your orderConfirmation.php to printout all the details passed from the form as shown below. Read the comments provided in the orderConfirmation.php file for more details too.

If your Task1 is correct, the following parameters will be passed to \$\_GET: "name", "sizeandprice", "color", "gift", "message", "cardtype", "cardnumber", "carddate".

The screenshot shows a web page titled "Confirmation of your ' Cat Fails Video ' T-shirt order!". It displays order details: Name: John Brown, Item: Small - \$9.99 (Black), Credit card: visa, Card number: 4000400044445555, and Expiration date: 2018-10-10. Below this is a "Gift Message" section with a text box containing "Enjoy your gift". At the bottom is a "Previous Orders" section with a dashed border, listing two previous orders: "John Smith, Medium - \$10.99, White, 4000400040004444" and "Abdel Zhang, Medium - \$10.99, Black, 5000500050005555". Red arrows point from the annotations to specific parts of the form: one to the order details, one to the gift message, and one to the previous orders section.

Print the parameters here. These should use `<span class="orderitem">` to modified their appearance to look like

Only output this if gift was clicked. The output is as follows:

```
<p> Gift Message </p>

<p id="message">
(message from form)
</p>
```

(hint: you'll need to use an if statement)

This part is to practice more file I/O.

For every order, write to the file "orders.txt" the following output:

"Name, Size and Price, Color, Credit Card Number \n" (in this example, name, size and price, etc are passed from the Forms).

Use the function: `file_puts_contents("orders.txt", string you want to write to the file, FILE_APPEND)` to achieve this.

The code to read the file and output it has already been provided – see the PHP file provided.

**Note:** Debuggin PHP with parameters can be a bit tricky. Cut and paste the following command on the term after you have type "cd www". This will pass parameters to the PHP file for testing.

```
php-cgi -f orderConfirmation.php type=master name="Pasha Pinchevski"
gift="on" message="Enjoy!" cardnumber="4000400044445555"
carddate="10/25/2018" color="white" sizeandprice=Medium+--%2410.99
cardtype="visa"
```