

Applied Technology 462/562 Assignment 1

INTRODUCTION

This Assignment uses knowledge gained in **weeks 1, 2 AND 3**. This assignment is worth 12% of your grade. This assignment is due: September 13th 2013 10:00pm CST. It should take about 1 hour of coding to complete. You will need to make sure you have access to a server capable of running PHP. I recommend you install [WAMP](#) or [MAMP](#) (or LAMP) on your personal machine.

This is an individual assignment

What to do - Requirements

You are continuing your work as a web developer for the Field Museum of Chicago and helping them design the website for their Sue Exhibit. The website requires new information about tours and a new competition that is running to win a framed picture.

All the code you write for this assignment must be inside <?php ?> tags. YOU CANNOT WRITE HTML OUTSIDE OF PHP TAGS

- At the top of the page, the following information must be displayed (including quotations):

“Welcome the Field Museum of Chicago, we offer many tours but request that you arrive 30 minutes early for each tour”

- You must build a website that contains information about scientific tours that run from 9:15am to 5:15pm except at 4:15pm. Each tour should be displayed with a header showing the time of the show and a smaller element show the room the tour is in. All shows before 1:00pm are held in room 500, all shows after 1:00pm are held in room 301.
- Additionally at the top of the page a POST form must be displayed that allows users to enter their competition code, and name (as a text entry) and a checkbox indicating they accept the competition terms and conditions. When submitting the form, the user will be taken to the results.php page.
- The result page should validate that the competition code is in the correct format:
 - Format:
 - Zipcode (5 digits)
 - 1 Space
 - Competition code (3 digits)

- 1 Space
- 5 letter code (5 Alphanumeric characters)
- Example:
 - 60606 123 NOKKY
- If validation fails or the user did not check the “agree with terms and conditions” text box – the program should show an error message on the results page (including quotations)

You must enter a valid competition code and agree to our “terms and conditions”

- If the submission has the competition code “333” the results page must show a congratulatory message informing the user that they have won a free framed picture with the Museum scientists. If the user does not enter the competition code “333” the results.php page must show the following text (including quotations)

“We are sorry, but you have not won anything with the code: *[insert the user code here]*.”

- The results.php page must NOT expose any crucial competition code values in the HTML such as the winning code
- The results.php page must clean the form submission so that any html or javascript entered into the competition form is not displayed.
- The results.php page must contain a link back to the index.php page.
- You may add additional images or style to the website.

Graduate Extension:

If you are enrolled in any section of 562 – you must also complete the following objective:

- Display a random arrangement of pictures from the \$suePictures array including the picture attribution on the index.php page:
 - Sue1.jpg Fritz Geller-Grimm
 - Sue2.jpg ScottRobertAnselmo
 - Sue3.jpg ScottRobertAnselmo
- The arrangement must include one full size picture and two half size pictures.

Picture One	Picture Two
	Picture Three

- The same picture must not be repeated twice
- The pictures must be in random order on every page refresh

Submission Details

You must upload your submission, including source code inside a zip archive to blackboard by the due date. The submission must be in the following format:

- YOURFULLNAME_YOUR STUDENT ID NUMBER_AS1.zip
 - src (folder)
 - results.php
 - index.php
 - .. other documents and folders as required
 - README.pdf (describes your submission)

Late Policy

You will lost 10% of your assignment grade (1.2% of course grade) every 24hours that your submission is late, starting from 1 minute after the deadline.

Extensions are given in rare circumstances due to serious illness or family issues and will only be considered up to 48 hours before the deadline and with proof of hardship.