

HW #5

Max points – 10

To do:

1. Create index.php file and include footer.tpl.php.
2. Create footer.tpl.php with a template. This template should contain list of URLs to <http://domain/task1.php>, <http://domain/task2.php>, <http://domain/taskN.php> and so on...
3. When you will finish each task in separate file - you should include footer.php template as pager to other tasks.

Task: 1 (estimate: 2)

Show text "Hello world!!!" in a browser.

For your first PHP exercise, create a PHP page, with the standard HTML <head>, <title> and <body> tags.

This is not strictly necessary but is good practice and should be the first step for each exercise.

Task: 2 (estimate: 3)

Provide a function which should be able to calculate The Pythagorean Theorem. It can be implemented as multiple functions.

Task: 3 (estimate: 3)

Provide a function which should be able to calculate the sum of positive integers from 1 to N, where N is argument for our function.

You may implement that in different ways. One is recursive function. Second is cycle.

Task: 4 (estimate: 2)

Each time when you refresh the page - you should roll two dices. Print out the results on the screen. Also you should show labels for each dice:

1. My dear!
2. You are not the worst!
3. God loves you!
4. Nice try ;)
5. Great job :)
6. Lucky bastard! :D

When you have a result with two same dices - you should print extra label "Jackpot!".

Advices: Check for description of functions like: `isset()`, `empty()`, `mt_rand()`, `include`, `require`, `require_once` etc...