

World Wide Web Information Systems Development

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Assignment 5

Overview

The purpose of this assignment is to write smart.php so that it produces different MIME type outputs based on different HTTP GET requests it receives. (The same can be done with HTTP POST requests if the PHP \$_POST global variable and forms were used instead.)

Task

There are a variety of provided files below. The file called **week06-image.php** was code done in the Week 6 lecture --which you can look at to do this assignment (it will help!).

1. Start by downloading each of the provided files and place them in to an empty directory on myweb.cs.uwindsor.ca.
2. Load page.html in your web browser from myweb.cs.uwindsor.ca. (It will have a default appearance but no images will load, the button won't do anything and the heading will not appear white on a green background.)

Your task for this assignment is to write smart.php that will process HTTP GET requests as follows (as is reflected in the page.html code):

- smart.php?what=1 will trigger the downloading of alpha.png (using a MIME type of image/png)
- smart.php?what=2 will trigger the downloading of sample.css (using a MIME type of text/css)
- smart.php?what=3 will trigger the downloading of sample.js (using a MIME type of text/javascript)
- anything else passed to smart.php must trigger a valid HTTP 404 (File Not Found) response with HTML sent back explaining the error.

You are not allowed to modify any of the provided files. (Keep things simple: this assignment is intentionally straight-forward.)

NOTE: Remember to always properly set the MIME type in your PHP code!

Why This Code?

It is important to understand how to return different kinds of data to a web browser from program code run on the web server. This assignment specifically deals with this --but avoids having you write CSS, JavaScript, and generate images since they are provided. A real production web site would, of course, might generate fragments of CSS, JS, etc. code --not just whole files, and would likely return images (stored in the file system, in the database, or perhaps computed/generated-on-the fly images).

Submission

Upload your **smart.php** file for this assignment.

-  alpha.png	3 March 2021, 3:56 PM
-  page.html	3 March 2021, 3:56 PM
-  sample.css	3 March 2021, 3:56 PM
-  sample.js	3 March 2021, 3:56 PM
-  week06-image.php	3 March 2021, 3:56 PM

Submission status

Attempt number	This is attempt 1.
Submission status	No attempt
Grading status	Not marked

Due date Thursday, 11 March 2021, 11:59 PM

Time remaining 1 day 16 hours

Grading criteria

Normally the marker will adhere to the rubric, but, the marker reserves the right to add/subtract marks based on the quality of the work provided. (Such overrides will be noted in the feedback comments.)

smart.php?what=1	There are multiple issues with the MIME type and the file being properly identified and sent. 0 points	There is an issue with the MIME type and the file being properly identified and sent. 1 points	Both the MIME type and the file are properly identified and sent. 2 points
smart.php?what=2	There are multiple issues with the MIME type and the file being properly identified and sent. 0 points	There is an issue with the MIME type and the file being properly identified and sent. 1 points	Both the MIME type and the file are properly identified and sent. 2 points
smart.php?what=3	There are multiple issues with the MIME type and the file being properly identified and sent. 0 points	There is an issue with the MIME type and the file being properly identified and sent. 1 points	Both the MIME type and the file are properly identified and sent. 2 points
smart.php anything else	There are multiple issues. 0 points	There is an issue with one of a 404 File Not Found) HTML page is sent and an HTTP Status Code of 404 also being sent. 1 points	A 404 File Not Found) HTML page is sent along with an HTTP Status Code of 404. 2 points
Assignment Requirements Conformance	Too many instructions were not followed. 0 points	Most instructions were followed. 1 points	All instructions were followed. 2 points
Late Penalty (Deduction)	Late. All marks deducted. -10 points	Late but submitted within 24 hours of deadline or late without penalty deadline. -2 points	Not late or late without penalty (as decided by or with permission of instructor). 0 points

Last modified -

Submission comments [▶ Comments \(0\)](#)

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COMP3340-30-R-2021W

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