Professional Diploma in Commercial Web Design

Lesson 6

PHP

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Overview

- Sorting an array
- Associative array
- Randomized array
- Counter
- Upload File

Sorting an array I

- Sort an array into ascending order

- 1<2<3<…

- A<Z<…<a<z

- sort.php

Sorting an array II

- asort() – sort the value

- ksort() – sort the key

- rsort(), arsort(), krsort() – reverse sorting order

- sort2.php

Classwork 1

- Download sortstudent.php from share

- Sort student name in ascending order without class number (**sort**)

- Display the result by print_r

- Sort student name in ascending with class number (**asort**)

- Display the result by print_r

Classwork2

- Sort student mark (**sort** or **asort** or **ksort**?)

- Display the result by print_r

- Display the result by for loop

- Display the name and mark in one line for each student

Randomized array

- shuffle() randomly reorders the elements of an array

- Eg. Large number of products in stock and want randomly select one item to show on a page
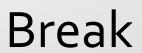
- hk.yahoo.com

- Copy the images folder to www from share

- shuffle.php

Random

- Randomly give you a number between min to max;

- rand(min,max);

- rand.php

Exercise

- Write a mark 6 php program

- Use rand, sort and for loop

- See mark6.php

- Use while to check repeat numbers

- mark6NoRepeat.php

Break

File

- Read files/directory from the current directory on the server

- fopen() – open a file

- fclose() – close an opened file

- fgets() – read file content

- fwrite() – write data to the file

- w - 寫入

- a - 附加在檔案後面

- r - 只有讀取

Read a file

- fopen(filename, attribute)

- fclose($filePointer)

- fgets($filePointer)

- fwrite($filePointer, data)

- fgets.php, text.txt

- fwrite.php, write.txt

Counter

- Update hit counter
- fopen() – open the file
- fgets() – read file data
- fwrite() – write data to the file
- fclose() – close the opened file
- hitscounter.php, counter.txt

Read a remote server content

- file_get_contents("site");

- fgets3.php

fgetss

- Gets line from file pointer and strip HTML tags
- fgetss.php

Upload file

- Upload a file from a web page
- Eg. Attach a file to your email
- Open a new html file
- Create a form with file field
- Save as upload.html

Upload folder

- Usually we will create a folder to store the upload files in case they upload a "index.html" to hijack our website.

- In ftp, right click -> New -> Folder -> Create an "upload" folder in ftp.

Upload file php

- Create a php file

- $upfile=uploads/".$file_name;

- move_uploaded_file($file, $upfile);

- Save as upload.php

- If no file uploaded, check LINUX/MAC PERMISSION!

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Check uploaded file

- Check file type

- Check file max size

- Check file min size

- upload_1.php

File path

- basename

- dirname

- pathinfo

- realpath

- path.php

Homework

- Create a product page layout by these files.
  - products-design.php
  - header.inc.php
  - products.css
  - products-array.inc.php

QUESTIONS