SE Factory

Day 4 - Assignments

```
version 02BD_1607

Change log:
    - Fixed Date/Time formatting in Exercise 2
```

Delivery Deadline: Friday July 22nd -- EOD

PHP Introduction

Exercise 1

Write a php script that takes as input a certain `directory path` and returns all the files, only, within that directory **and all subdirectories**. Your script has to be able to run from any directory.

Rules:

- Make sure your code is well commented and clear to read
- Make sure your code does not have any errors / warnings or notices

Input

```
php myscript.php -i <directory>
```

Sample output

```
Files within <directory>:
file1.txt
file2.txt
file3.log
file4
file5.php
file6.jpg
```

Exercise 2

Write a php script that parses the Apache access log file and returns the following information:

1. IP Address that has access your server content
2. Date and Time in the following format: `<Day>, <Month> <Year> : <Hours>-<Minutes>-<Seconds>`
3. HTTP Response Type and Response Code

Your script has to be able to run from any directory.

Sample output

```
127.0.0.1 -- Wednesday, March 16 2016 : 15-21-13 -- "GET /icons/text.gif
HTTP/1.1" -- 200
127.0.0.1 -- Wednesday, March 16 2016 : 15-23-05 -- "GET /index.html
HTTP/1.1" -- 200
```