

CS-213 : Lab 4 : PHP 1 part 2 statement

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In this lab you will learn to use PHP
Deadline : 23:30 hours 28 August 2019.

Submission guidelines:

Please create a directory called “rollno-lab4-part2” where “rollno” is your roll number.

Keep all your scripts, html pages and all relevant files in this directory

Use following command to create a tar ball :

```
tar -czvf rollno-lab4-part2.tgz rollno-lab4-part2/
```

Upload this tarball “rollno-lab4-part2.tgz” on moodle.

Do not change cases, and do not deviate from the naming scheme for your scripts, directory or tar file to be uploaded.

1. Word frequency counter : *(name of your file should be q2.php)*.

Take some words as input from the command line. Print the frequency count (number of occurrences) of each word sorted in alphabetical order.

Frequency count must be case-insensitive. (e.g. both ‘Hey’ and ‘hey’ would be counted under the same word ‘hey’)

Validate your input, using error handling mechanism in Question 1.

2. Substring Frequency counter: *(name of your file should be q3.php)*.

Take two words as input from the command line.

Let us call first word as x and second word as y .

Count how many times y occurs as a substring in x , and the positions in x where it occurs it.

For example, on input $x = \text{"abacabab"}$ and $y = \text{"ab"}$ your output should be as follows:

3
0
4
6.

Validate your input, using error handling mechanism in Question 1.