

Assignment #3 - File uploading

Due Mar 1 by 11:59pm **Points** 10 **Submitting** a text entry box or a file upload
File Types php and txt **Available** until Mar 1 at 11:59pm

This assignment was locked Mar 1 at 11:59pm.

Using the combination of HTML and PHP, implement a web page where the users can upload a text file, exclusively in .txt format, which contains a string of 1000 numbers, such as:

71636269561882670428252483600823257530420752963450
85861560789112949495459501737958331952853208805511
65727333001053367881220235421809751254540594752243
52584907711670556013604839586446706324415722155397
53697817977846174064955149290862569321978468622482
83972241375657056057490261407972968652414535100474
82166370484403199890008895243450658541227588666881
96983520312774506326239578318016984801869478851843
12540698747158523863050715693290963295227443043557
66896648950445244523161731856403098711121722383113
05886116467109405077541002256983155200055935729725
16427171479924442928230863465674813919123162824586
17866458359124566529476545682848912883142607690042
2421902267105562632111109370544217506941658960408
07198403850962455444362981230987879927244284909188
84580156166097919133875499200524063689912560717606
62229893423380308135336276614282806444486645238749
73167176531330624919225119674426574742355349194934
30358907296290491560440772390713810515859307960866
70172427121883998797908792274921901699720888093776

Your code should contain a PHP function that, accepting the string of 1000 numbers in input, is able to:

- 1) Find the 5 adjacent numbers that multiplied together give the largest product.
- 2) Given the product from above, computes the sum of the factorial of each term of such product

Example, if the product is 5046, computes $5! + 0! + 4! + 6!$

NOTE:

- If the file doesn't contain 1000 numbers or contains some characters in between, it should be discarded and the application should inform the user that the file is not format correctly.
- Add a tester function to check the behavior of your PHP function, plus checks on the file content.
- Follow the guidelines on how to safely let the users upload files discussed and showed in class to avoid losing points.