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| 1 | Walk through this given string and find all tags (Use regular expression). Print only tag name.  <test>  <sub>PAP</sub>  <date>  <dd>30</dd>  <mm>9</mm>  <yy>2013</yy>  </date>  </test> |
| 2 | Experiment using regular expressions -  The file test.py has the following code:  import re  print(help(re))  Run the program test.py as follows.  python3 test.py > re.doc  Process this file re.doc. Find all functions (print only function names) declared between  FUNCTIONS and DATA sections. |
| 3 | Given an input file, do the following using regular expression and create an output file.   1. Remove extra whitespaces between two words. 2. Insert a white space after the end of a sentence (after . or ? or !). 3. First letter of each sentence should be upper case 4. Remove consecutive duplicate words. |
| 4 | Write a line of code using generator expression for the following:-  (Do not use list comprehension anywhere)  a) Find the longest and second longest word in a multiline string  (can use inbuilt sorted method for sorting)  b) Find all words in a line of text where a character repeats anywhere in that word  (can use regular expression) |

**PAP Week 8 Lab Assignments**