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| 1. | **Create a file program to display use of**   1. **readfile function (Size of a file)** 2. **Open a file with write mode / append mode and insert some test** 3. **Lock the file** 4. **Read the content and display in browser** 5. **Check the file Pointer reached End-of-file then display the content** |  |
| 2. | **Use filters in a given student registration form with specific field**   1. **FILTER\_VALIDATE\_EMAIL (Validate e-mail)** 2. **FILTER\_SANITIZE\_EMAIL (Remove all illegal characters from email)** 3. **filter\_list()** 4. **FILTER\_VALIDATE\_INT** 5. **FILTER\_VALIDATE\_IP** 6. **FILTER\_SANITIZE\_STRING** |  |
| 3. | **Write a program show use of preg\_match() and preg\_split() function.** |  |
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| 4. | **Create a pattern matching concept implement the following:**  **Input: a string of text containing words and punctuation**  **Output: an array in which the unique words of the string are the keys and their frequencies are the values.** |  |
|  | <!DOCTYPE html>  <!-- word\_table.php  Uses a function to split a given string of text into  its constituant words. It also determines the frequency of  occurrence of each word. The words are separated by whitespace  or punctuation, possibly followed by whitespace. The  punctuation can be a period, a comma, a semicolon, a colon,  an exclamation point, or a questionmark.  The main driver program calls the function and displays  the results.  -->  <html xmlns = "http://www.w3.org/1999/xhtml">  <head> <title> word\_table.php </title>  </head>  <body>  <?php  // Function splitter  // Parameter: a string of text containing words and punctuation  // Returns: an array in which the unique words of the string are  // the keys and their frequencies are the values.  print "apples are good for you, or don't you like apples?  or maybe you like oranges better than apples<br />";  function splitter($str) {  // Create the empty word frequency array  $freq = array();  // Split the parameter string into words  $words = preg\_split("/[ .,;:!?]\s\*/", $str);  // Loop to count the words (either increment or initialize to 1)  foreach ($words as $word) {  $keys = array\_keys($freq);  if(in\_array($word, $keys))  $freq[$word]++;  else  $freq[$word] = 1;  }  return $freq;  } #\*\* End of splitter  // Main test driver  $str = "apples are good for you, or don't you like apples?  or maybe you like oranges better than apples";  // Call splitter  $tbl = splitter($str);  // Display the words and their frequencies  print "<br /> <b>Word Frequency </b><br />";  $sorted\_keys = array\_keys($tbl);  sort($sorted\_keys);  foreach ($sorted\_keys as $word)  print "$word $tbl[$word] <br />";  ?>  </body>  </html> |  |