



## Python Lists Functions Challenges

#	Question
1.	<p>Write a Python program to print the following list_1 after removing the 4th element.</p> <pre>list_1 = [12, 32, 3, -4, 6, 9, 45, 32, 8]</pre> <p><b>Expected output:</b></p> <pre>[12, 32, 3, 6, 9, 45, 32, 8]</pre>
2.	<p>If you have the following list_1:</p> <pre>list_1 = [12, 32, 3, -4, 6, 9, 45, 32, 8]</pre> <p>Write a Python program to:</p> <ol style="list-style-type: none"> <li>Find list_1 length</li> <li>Find maximum number of list_1</li> <li>Find minimum number of list_1</li> <li>Find sum of list_1 element</li> <li>Append 9 to the list_1</li> <li>Append ['a', 'v', 'd'] to the list_1</li> <li>Remove -4 from list_1</li> </ol>

#	Question
2.	<p>h. Insert 'r' to the second position of list_1</p> <p>i. Reverse the order of the list_1</p> <p>j. Find index of element 45 of the list_1</p> <p>k. Find how many 32 in list_1</p> <p>l. Remove the element in the fourth position</p> <p>m. Remove all the elements from the list_1</p> <p><b>Expected output:</b></p> <p>a. 9</p> <p>b. 45</p> <p>c. -4</p> <p>d. 143</p> <p>e. [12, 32, 3, -4, 6, 9, 45, 32, 8, 9]</p> <p>f. [12, 32, 3, -4, 6, 9, 45, 32, 8, 9, 'a', 'v', 'd']</p> <p>g. [12, 32, 3, 6, 9, 45, 32, 8, 9, 'a', 'v', 'd']</p> <p>h. [12, 'r', 32, 3, 6, 9, 45, 32, 8, 9, 'a', 'v', 'd']</p> <p>i. ['d', 'v', 'a', 9, 8, 32, 45, 9, 6, 3, 32, 'r', 12]</p> <p>j. 6</p> <p>k. 2</p> <p>l. ['d', 'v', 'a', 8, 32, 45, 9, 6, 3, 32, 'r', 12]</p> <p>m. []</p>



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