



## Python Lists Challenges

#	Question
1.	<p>Write a Python program to multiply all the items in the list a = [1, 3, 4]</p> <p><b>Expected output:</b></p> <p>12</p>
2.	<p>Write a Python program to create a new copy of the list1 which contains the two lists:</p> <p>list_1 = [1, 3, 43, 23], list_2= [12, 12, 32, 14]</p> <p>using list concatenation and assign operator</p> <p><b>Expected output:</b></p> <p>[1, 3, 43, 23, 12, 12, 32, 14]</p>

#	Question
3.	<p>Write a Python program to create a new list which contains the list q= [' a', ' v', ' d'] repeated three times using list repetition operator</p> <p><b>Expected output:</b></p> <pre>[' a', ' v', ' d', ' a', ' v', ' d', ' a', ' v', ' d']</pre>
4.	<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>Delete the elements from first to fourth</li> <li>Find if list_1 contains 5</li> <li>Change the first element to 90</li> <li>Get the third element</li> </ol> <p><b>Expected output:</b></p> <ol style="list-style-type: none"> <li>[6, 9, 45, 32, 8]</li> <li>False</li> <li>[90, 9, 45, 32, 8]</li> <li>45</li> </ol>



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