



## Python Tuples Challenges

#	Question
1.	<p>Write a Python program to create and print the following tuple (' a', ' v', ' d')</p> <p><b>Expected output:</b></p> <p>(' a', ' v', ' d')</p>
2.	<p>Write a Python program to get the 4th element from the beginning and 4th element from the end of the following tuple : tuple_y = ('h','e','l','l','o','p','y','t','h','o','n')</p> <p><b>Expected output:</b></p> <p>l</p> <p>t</p>
3.	<p>Write a Python program to find the length of the following tuple.</p> <p>tuple_x = (5, 10, 7, 4, 15, 3)</p> <p><b>Expected output:</b></p> <p>6</p>

#	Question
4.	<p>Write a Python program to define a new tuple from the tuple tu after repeating its elements three times: tu = ('a', 'v', 'd'), using tuple repetition operator.</p> <p><b>Expected output:</b></p> <p>('a', 'v', 'd', 'a', 'v', 'd', 'a', 'v', 'd')</p>
5.	<p>Assume you have the tuples tu = (12, 30, 43, 22, -9, 4, 21, 44, 3), tu1 = ('a', 'v', 'd')</p> <p>Write a Python program to:</p> <ol style="list-style-type: none"> <li>Check whether the element 'a' exists in the tuple tu.</li> <li>Find the maximum and minimum number in the tuple tu</li> <li>Create a new copy of tu which contains tu, tu1 using tuple concatenation and assign operator</li> <li>Create a new tuple from tu, where it contains the last three elements of tu</li> </ol> <p><b>Expected output:</b></p> <ol style="list-style-type: none"> <li>False</li> <li>44 -9</li> <li>(12, 30, 43, 22, -9, 4, 21, 44, 3, 'a', 'v', 'd')</li> <li>(3, 'a', 'v')</li> </ol>



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