

## Python Review

<p>What does the following code print out?</p> <pre>count = 7 if count &lt; 10:     print ("cool") else     print ("nice")</pre>	
<p>What does the following code print out?</p> <pre>lives = 5 while lives &gt; 0:     print(lives)     lives = lives - 1</pre>	
<p>What does the following code print out?</p> <pre>for i in range(0, 7):     i = i + 2     print(i)</pre>	
<p>What does the following code print out?</p> <pre>i = 1 while i &lt; 64:     if i == 4:         print ("yay")     else:         print(i)     i = i * 2</pre>	
<p>Suppose you have a list called <code>toppings</code> that contains different pizza toppings. Write code that prints out each of the items in <code>toppings</code>.</p>	
<p>Now write code that prints out the items in <code>toppings</code> in reverse.</p>	

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Write code that counts the number of items in a list (named <code>list1</code> ). Don't use the <code>len</code> function.	
Challenge: Write code that lets a user create a to-do list. They can enter as many tasks as they want, and their tasks get saved in a list.	
Challenge (part 1): Suppose you have a list of numbers named <code>numbers</code> (for example, <code>numbers = [34, 52, 11, 31]</code> ). Define a function to find the sum of <code>numbers</code> .	<pre>def find_sum(                ) :</pre>
Challenge (part 2): Define a function that computes and returns the average of a list of numbers.	<pre>def find_average(                ) :</pre>

Write any questions/comments you have here (what you feel like you're still confused on-- be specific please!)