

# For Loops

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## Task 1: Structure

Code	Clipping	What happens?
<pre>for i in range(10):     print("I'm brilliant.")</pre>		
<pre>for i in range(10):     print(i)</pre>		
<pre>for i in range(10):     print(i,"is a number")</pre>		
<pre>for i in "amazing":     print(i)</pre>		
<pre>name="Albert" for i in name:     print(i)</pre>		

## Task 2: Cheerleader

Task	Clipping	What happens?
<p>Write a "cheerleader" program which does the following:</p> <ul style="list-style-type: none"><li>• Asks the user to input a team</li><li>• For every letter in the team name, print "Give me a" followed by the letter</li></ul>		

## Task 3: Nested Loops

Code	Clipping	What happens?
<pre>suit="CDHS" value="23456789XJQKA" for i in suit:     for j in value:         print(i+j)</pre>		

## Task 4: Challenges

Task	Clipping	What happens?
<p>Write a program that:</p> <ul style="list-style-type: none"><li>• Calculates the first 10 multiples of 3</li></ul>		
<p>Write a program that:</p> <ul style="list-style-type: none"><li>• Allows the user to input a string</li><li>• Allows the user to input a character</li><li>• Uses a for loop to go through</li></ul>		

<p>the first string and check if each character is equal to the character.</p> <ul style="list-style-type: none"><li>• If they are the same it should print "Found at index position" followed by that index position</li></ul>		
<p>Write something cool using the skills from today</p>		