🐍 ****Python Playground Practice – For Loops and Lists****  
****Instructions:****

1. Use your Google Colab notebook
2. First, guess what the code will do
3. Then run it to check!

🌟 ****Tips for Coders:****

* Remember: **range(3)** = 0,1,2
* Lists need square brackets [ ] and commas between items like this **[**“apples”**,** “bananas”**]**
* **.append()** adds to END of list
* Positions start at 0: [0=first, 1=second, 2=third]

All examples use concepts you learned this week! Have fun! 😊

🔤 ****Question 1: Spell It Out!****  
Write a **for** loop that prints each letter in "Apple" like this:  
A  
p  
p  
l  
e

🔢 ****Question 2: Counting Bunnies****  
Use **range(3)** to print numbers showing how many bunnies hopped by!  
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Hint: Your final output should print 0, 1, 2

🍎 ****Question 3: Fruit Basket****  
Create a list called **fruits** with "apple" and "banana", then print it.  
Hint: Use square brackets [ ]

➕ ****Question 4: Add to the Zoo!****

1. Make this list: **animals = ["lion", "tiger"]**
2. Add "bear" using **.append()**
3. Print your list

🎨 ****Question 5: Rainbow Colors****  
Print the ****second color**** from this list:  
**colors = ["red", "orange", "yellow"]**  
Hint: Remember positions start at 0!

🤖 ****Question 6: Robot Dance Moves****  
Use a for loop to print each move:  
**moves = ["spin", "jump", "shake"]**

🧮 ****Question 7: Double the Treats****  
Use a for loop with **range(1, 4)** to print double each number (2, 4, 6).  
Example: 1 becomes 2

🎁 ****Question 8: Present Collector****

1. Make an empty list **presents = []**
2. Add gifts: "truck", "doll", "puzzle" using **.append()**
3. Print your list

🏆 ****Challenge: Cookie Jar Total!****

1. Make a list: **cookies = [2, 3, 1]** (chocolate, vanilla, raisin)
2. Use a for loop to add all numbers
3. Print the total cookies  
   Hint: Start with **total = 0**