## 🐍 Python Playground Practice – Chapter 2 & 3

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**Instructions:**  
Use your Google Colab **notebook** to write your answers. You can access your notebook here ([colab.google](https://colab.research.google.com/?authuser=0" \l "create=true)). Try your best to guess what the code will do before you run it. Then test it out in your notebook and see what happens!

## 🎮 Input Function Practice

**👉 Instructions:**  
Use your notebook to complete the following exercises. Each question uses the input() function to get information from the user, and the print() function to show a final message. See class examples if you get stuck!

### 🍰 Question 1: Birthday Cake

Create two variables. One for **name** and one for **cake**.Use the input function to ask the user for their **name** and their **favourite cake**. Then print one sentence that says:

Emma’s favourite cake is chocolate!

*Hint: Use the .format function inside of the print function!*

### 🐶 Question 2: Pet Fun

Create three variables. One for **name, favourite animal,** and **name of the animal**. Use the input function to ask the user to enter their **name**, **favorite animal**, and what they would name that animal.  
Print one sentence that says:

Jayden would name their dragon "Blaze"!

*Hint: Use the .format function inside of the print function!*

### 🍕 Question 3: Pizza Time

Ask the user how many **slices of pizza** they have and how many they want to eat.  
Then subtract and print how many slices are left.

Example:  
You have 3 slices left!

Hint: Use int() to turn your inputs into numbers!

*Hint: Use the .format function inside of the print function!*

### ⚽ Question 4: Sports Star

Ask the user to enter their **name** and **favourite sport**.  
Print something like:

Hi Adam! I hope you get to play lots of basketball today.

*Hint: Use the .format function inside of the print function!*

### 🐒 Question 5: Zoo Trip

Ask the user for the **number of monkeys**, **elephants**, and **giraffes** they saw at the zoo.  
Print the total number of animals they saw.

Example:  
You saw 12 animals at the zoo today!

*Hint: Use the .format function inside of the print function!*

### 🚲 Question 6: Bike Ride

Ask the user how many **minutes** they rode their bike in the morning, and how many **minutes** in the afternoon.

Add the two together and print:  
You rode for 45 minutes today! Great job!

*Hint: Use the .format function inside of the print function!*

## 🧠 Functions Practice

**👉 Instructions:**  
Use your notebook to complete these exercises. First, define the function, then **call** the function at the bottom so that your code runs.

### 🐱 Question 7: My Pet Info

Create a function called my\_pet() that prints two lines:

* "I have a pet cat."
* "Her name is Luna."

Call the function at the end of your code so the two lines print.

*Hint: Look at the functions example in the Python class for class 4 if you have trouble with this question!*

### 🎉 Question 8: Party Cheer

Create a function called cheer\_message(message) that prints the given message **three times**, like this:

cheer\_message("Let's go!")

**Expected Output:**

Let's go!

Let's go!

Let's go!

### 🍦 Question 9: Ice Cream Flavour

Create a function called favourite\_ice\_cream(flavour) that prints one sentence:

My favourite ice cream is chocolate!

(but the flavour depends on the value of the parameter)

Call the function and test it with different flavours like "vanilla" and "strawberry".

*Hint: Use the .format function inside of the print function!*