

*Worksheet 1 - Sep 19, 2025*

Python Basics Practice

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Goal:** Practice if-else, for loops, and while loops in Google Colab.

**✨ Exercise 1 – if-else**

Write a program that asks the user for their age.

* If they are under 18 → print “You are a minor.”
* Otherwise → print “You are an adult.”

**✨ Exercise 2 – for loop**

Write a program that prints the **multiplication table of 5** (from 1 to 10).  
Expected output:

5 x 1 = 5

5 x 2 = 10

...

5 x 10 = 50

**✨ Exercise 3 – while loop**

Write a program that asks the user to guess a secret number (between 1 and 5).

* Keep asking until they guess correctly.
* When they guess the right number → print “You got it!”