HOW TO DOWNLOAD PYTHON-

Go to this link- https://www.python.org/downloads/

Download latest version of python and install it

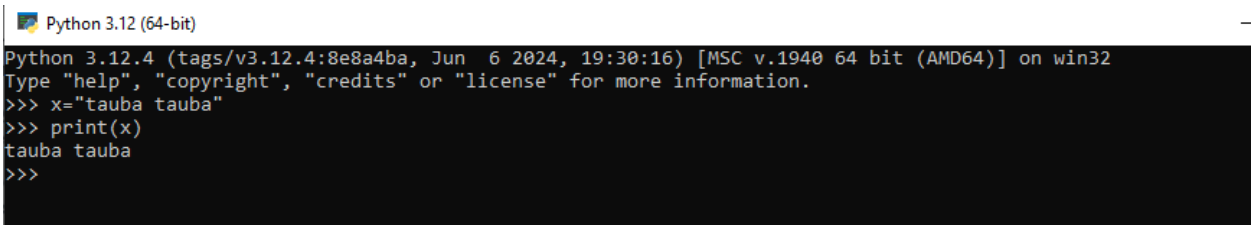
Day 1-

Constants- Fixed values such as Numbers, letters and strings

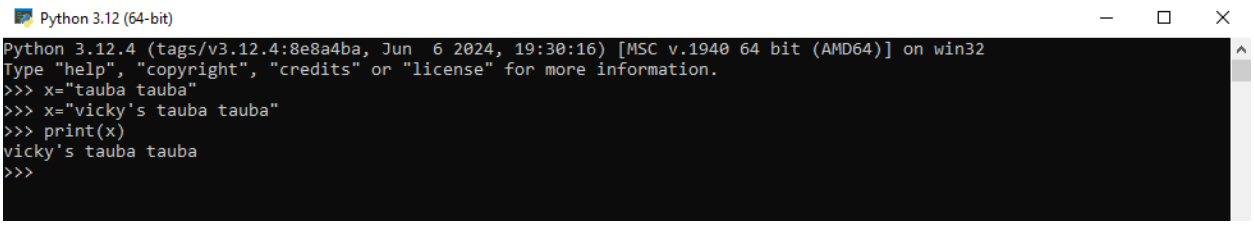
You can use single quotes(‘) or double quotes (“) for string constants

Variable- variable basically oka space where you can put your own value and call that whenever you want. It can be changed whenever you want

Assigning value to a variable-

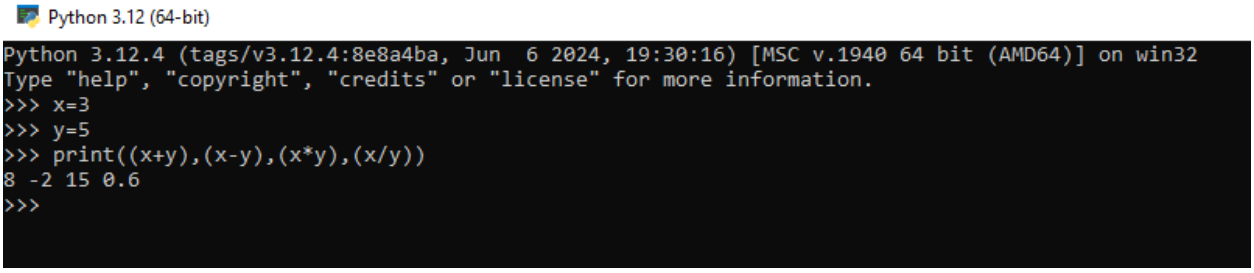


We assigned tauba tauba to x



You can also add two strings

You can also do addition, subtraction, multiplication and division of numbers-



Python is Case sensitive-

```
>>> x=5
>>> X=2
>>> print(x+X)
7
>>>
```

Successfully completed day 1! GOOD JOB

DAY2 PYTHON

Integers: Counting apples in a basket.

Floats: Measuring ingredients in a recipe (e.g., 1.5 cups of flour).

Strings: Writing a name or a sentence.

Booleans: Answering yes/no questions (e.g., Is the light on? True/False).

```
>>> x=1
>>> y=1.5
>>> z="chocolate"
>>> is_sweet= True
```

X is int

Y is float

Z is string

Is_sweet is Boolean

Conversion- INT to FLOAT-

```
>>> print(float(x))
1.0
```

Conversion- INT to STRING-

```
>>> print(str(x))
1
```

Conversion- STRING to Boolean

```
>>> print(bool(z))
True
>>>
```

True because z has “chocolate” saved if z was empty (z=””) then the value would return false

Conversion- Float to INT

```
>>> print(int(y))
1
>>>
```

Int datatype considers the value 1.5 as whole number 1