How to print in python:

print("hellow everyone")

adding two number in python:

num = 232  
num2 = 33  
print(num+num2)

How to get input in Python:

# name = input("what is your name? ")  
# print("hellow "+ name);

Practice 1: calculate my age:

birth\_year=input("what is your barth year? ")  
age= 2022- int(birth\_year)  
print(age)

calculate two numbers :

# calculate two numbers = int+float  
num1 = input("num1 : ")  
  
num2 = input("num2 : ")  
  
sum = float(num1)+float(num2)  
# type casting =float + float  
  
print("SUM = "+ str(sum))  
# # type casting =string + string

Calculate the sum of three numbers:

# calculate the sum of three numbers  
  
num1 = float(input("First Number : "))  
num2 = float(input("Second Number : "))  
num3 = float(input("Third number : "))  
  
sum = num1+num2+num3  
print("SUM of three number is : " + str(sum))

Strings in python:

# Strings for python  
  
String= "Python for Begginers"  
print(String.upper())  
print(String.lower())  
print(String.find("for"))  
print(String.replace("for","4"))  
print(String.find("y"))

Arithmetic operations in python:

# Arithmatic operator: +,-,\*,/,+=,-=  
x=0;  
x+=5;  
print(x)

Comparision operator :

# comperison operator >,<,<<,>>,>=,<=,==,!=  
y=5>7;  
print(y);  
  
z=4>2  
print(z)

Logical operator:

# logical operation  
  
s=23;  
print(s>10 and s<30) # true  
print(s>0 and s<20) #false  
print(s>0 or s<20) #true

If, elif, else statement :

# if , elif, else statement  
  
temperature = int(input("Enter the Temperature of today "));  
if temperature > 30:  
 print("Its a hot day ")  
 print("And we will not get out of home in this day")  
elif temperature>20 and temperature<30:  
 print("this day is normal")  
else: print("it is a cold day")

Exercise: give your weight and then click it to kg or lb then if you click in kg then your weight will convert into lb and if you click in kg then it will cnvert your weight in lb

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# convert into lb and if you click in kg then it will cnvert your weight in lb  
#  
  
w = float(input("Enter Your Weight : "));  
c = input("(K)kg and (L)lb : ")  
if c=="K":  
 lb=w\*2.20462  
 print("Your Weight in lb : "+ str(lb))  
elif c=="L":  
 kg=w\*0.453592  
 print("Your Weight in KG : "+ str(kg) )

While loop:

# while loop:  
  
i=1;  
while i<10:  
 print(i\*"\*" );  
 i+=1

Lists:

# lists:  
  
names= ["yujiro","baki", "jack","musasi","uchiro"]  
print(names)  
print(names[0])  
print(names[0:3])

Lists method :

numbers= [1,2,3,4,5,6];  
  
numbers.append(7);  
print(numbers);  
  
numbers.insert(0,-1); #numbers.insert ( index\_no, insert\_any\_numbers)

print(numbers)  
  
numbers.remove(5);  
print(numbers)  
  
print(1 in numbers)  
print(10 in numbers)  
print(len(numbers))  
  
# for loops:  
for item in numbers:  
 print(item )  
  
numbers.clear()  
print(numbers);

for loops:

# for loops:  
for item in numbers:  
 print(item )  
  
numbers.clear()  
print(numbers);

Range :

print("value of range")  
num = range(0,5)  
for item in num: # we can write item or any others name in for  
 print(item)  
  
  
print("range value with steps: ")  
num = range(0,20,5)  
for item in num:  
 print(item)

range in for loops:

# for loops:  
  
for item in range(0,10,2):  
 print(item);

Tuples:

# tuples: numbers= (1,2,3,4) ---- this is called tuples

Once tuples is created we cannot change the value of it