# C4- S2-ACTIVITIES

1. INSTRUCTIONS: **Type each variable and expression of variable by underlining them using the below convention**.

int float string boolean ~~error~~

**Example :**

n1 = 4.23

n2 = 5

n3 = n1 + n2

## EX1

text1 = "my name is "

name = input("what's your name ? ")

text2 = "my age is "

age = int(input("how old are you ? "))

~~sentence~~ = text1 + name + text2 + age

~~print(sentence)~~

print(text1, name, text2, age)

* **OUTPUT: can only concatenate str**

## EX2

nb1 = 4.23

nb2 = 5

nb3 = nb1 + nb2

~~nb4~~ = nb3 + "12"

## EX3

nb1 = "3"

for i in range(nb1):

~~print("hello" + True)~~

* **OUTPUT:’str’ object cannot be interpreted as an integer**

## EX4

x = 2

condition = x < 3

if condition:

    print("yes")

else:

    print(no)

* **OUTPUT: Yes**

## EX5

x = 0

condition1 = x = 4

condition2 = False

print(condition1)

while condition1:

    print(condition2)

    x += 1

condition2 = "True"

~~print(condition2)~~

* **OUTPUT: ~~error~~**

## EX6

myNumber = 8

newNumber = myNumber\*2

print(newNumber)

* **OUTPUT: 16**

## EX7

text = "bouh"

if text = "bouh":

    print("yes")

elif len(text) < 4:

    print("maybe")

else

~~print("no")~~

* **OUTPUT: invalid syntax**

## EX8

number = 4.5

integer = int(number)

text = str(number)

boolean = bool(number)

* OUTPUT: Print Nothing

text = "True"

boolean = bool(text)

string = str(boolean)

condition1 = string < text

condition2 = text == boolean

print(condition1)

print(condition2)

* OUTPUT: False

False

nb1 = float(True)

nb2 = int(False)

print(nb1, nb2)

* OUTPUT: 1.0,0

## EX9

number = 5

status = True

for i in range(number):

    if status and number >3:

        print(True)

    else:

        status = False

    number = number -1

* OUTPUT: True

True