Day 17:- coding workshop in python - 1

① Function to getSum of numbers

input n1, n2 —[functio] → sum o/p

py :- def get sum (number1 : int, number2 : int) → int :

        sum = number1 + number2
        return sum

Java: public static int getSum (int num1, int num2){

        int sum = num1 + num2;
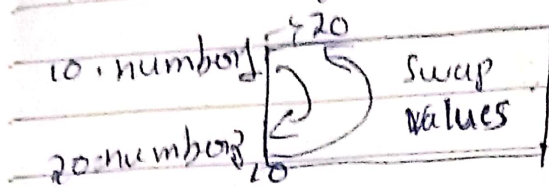   return sum;

    y

invocation
print (get sum (10, 20))

invocation : java
Sout (getSum (10, 20))
            inside main method.

② Function to swap two variable values

\# swap values
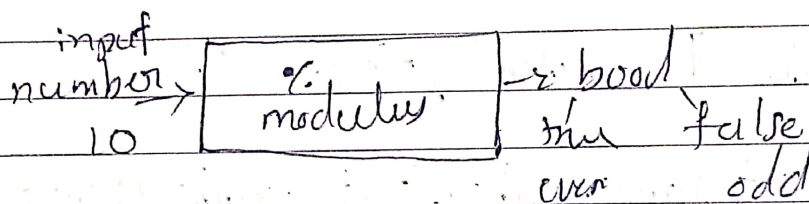
10: number1 → 20
20: number2 → 10

swap values

nothing to return
void / None

variable scope   use by reference
object create to use reference

def swap (number1: int, number2: int):
    return number2, number1

③ Number is even or odd if even → true
   else false

input
number → [% modulus] → bool
10   true   false
                         even   odd

a) 10 (5
   10
   0 → Remainder is 0 (Even)
modules operator gives you remainder

def is_even (number: int) → bool:
    if number % 2 == 0:
        return True
    else:
        return False