

## Python Exercises 2 – Method def

**Exercise 1:** Write a python program that reads from input any name then print a welcoming message with that name using a method called printname (with parameter).

```
def printname(n):  
    print("Welcome", n)  
  
name = input("Enter your name ")  
printname(name)
```

### second method

```
def printname(name):  
    print("welcome", name)  
  
printname(input("Enter a name "))
```

**Exercise 2:** Write a python program that reads from input any name then print a welcoming message with that name using a function called getname (with parameter) that return the name

```
def getname(n):  
    return "Welcome " + n  
  
name = input("Enter your name ")  
print(getname(name))
```

### second method

```
def getname(n):  
    return "Welcome " + n  
  
print(getname(input("Enter your name ")))
```

**Exercise 3:** write a python program that

- reads 2 numbers from input then
- print the sum of these 2 numbers using a method called print\_sum(with 2 parameters) then
- get the returned sum using a function called get\_sum(with 2 parameters) then print the sum
- print the type of every variable on every value change or type change.

```
def print_sum(a,b):  
    print(a+b)  
  
def get_sum(a,b):  
    return a+b  
  
nb1, nb2 = input("Enter 2 numbers ").split()  
  
print(type(nb1))  
  
n1 = int(nb1)  
print(type(n1))  
  
n2 = int(nb2)  
  
print_sum(n1,n2)  
print_sum(nb1,nb2)  
  
somme = get_sum(n1,n2)  
somme = get_sum(nb1,nb2)  
print(somme)
```