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# 1. Write a python program to create a simple
function which prints “MySirG” .

def my_func():
    print("MySirG")

my_func()

# 2. Write a python program to create a function which
expects two arguments and print them in the function
body.

def multiply(a,b):
    c = a * b
    return c

print("Multiplication is: ",multiply(15,6))

# 3. Write a python program to create a function which
expects an unknown number of arguments.

def func1(*args):
    for i in args:
        print(i)

func1(20,49,45,75,89)
func1(33,45)

# 4.Write a python program to create a function which
expects kwargs arguments.

def add(a,b):
    c = a+b
    print("Sum is :",c)

add(b=39,a=49)

# 5.Write a python program to create a function which
expects a list as an argument.

def my_function(games):
    for x in games:
        print(x)
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sports = ["kabaddi","cricket","football","volleyball"]

my_function(sports)

# 6. Write a python program to create a function that
finds a maximum of four numbers.

def max1_num ():
    num1 = 30
    num2 = 80
    num3 = 45
    num4 = 40

    print(max(num1,num2,num3,num4))

max1_num()

# 7. Write a python program to sum all the numbers in
a list.

def SumOfList ():

    l1 = [102,45,56,37,84]
    print(sum(l1))

SumOfList()

# 8. Write a python program to multiply all the
numbers in a list.

def mul_list1(numbers):
    total = 1

    for n in numbers:
        total = total * n
    return total

print(mul_list1((1,2,3,4,5)))

# 9. Write a python program to create a function to
check whether a number falls in a given range.

def in_range(a):
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    if a in range(1,90,2):
        print("Number is in the range ")

    else:
        print("Number is not in the range ")

in_range(56)
in_range(55)

# 10. Write a python program to create a function to
check whether a given number is even or odd.

def even_odd():
    num = int(input("Enter a number: "))

    if num%2==0:
        print("It is a Even Number")
    else:
        print("It is Odd Number")

even_odd()
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