

HomeWork Data Science Batch 38: Programming II

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<https://colab.research.google.com/drive/1CbGdVNdDh4UOSr4bv0LCIACRcJmqN1qB?usp=sharing>

1.

1. Write a Python function to find the Max of three numbers. Example: -

```
def nama_fungsi(input_1, input_2, input_3):  
    <tuliskan kode Anda!>  
    return ...
```

- nama_fungsi(4,10,3)
- Output: 10

```
def nama_fungsi(input_1, input_2, input_3):  
    nilai_angka = (input_1, input_2, input_3)  
    nilai_max = nilai_angka[0]  
  
    for i in nilai_angka:  
        if i > nilai_max:  
            nilai_max = i  
  
    return nilai_max
```

```
[ ] nama_fungsi(4,10,3)
```

↔ 10

2.

2. Write a Python function to sum all the numbers in a list.

- Sample Input List : [8, 2, 3, 0, 7]
- Expected Output : 20

```
def penjumlahan(jm):  
    jumlahan = 0  
    for i in jm:  
        jumlahan += i  
  
    return jumlahan
```

```
[ ] jm=(8,2,3,0,7)  
    penjumlahan(jm)
```

⇒ 20

3.

3. Write a Python function to multiply all the numbers in a list.

- Sample Input List : [8, 2, 3, -1, 7]
- Expected Output : -336

```
[ ] def perkalian(mp):  
    kalian = 1  
    for i in mp:  
        kalian *= i  
  
    return kalian
```

```
[ ] mp = [8,2,3,-1,7]  
    perkalian(mp)
```

⇒ -336

4.

4. Write a Python program to reverse a string.

- Sample Input String : "1234abcd"
- Expected Output : "dcba4321"

```
[ ] def revers(kata):  
    hasil = kata[::-1]  
    print (hasil)
```

```
[ ] revers("1234abcd")
```

```
↔ dcba4321
```

5.

Example:

```
1. show_employee("Ani", 150000)
   Expected Output:
   Employee Name: Ani
   Employee Salary: 150000
2. show_employee("Budi")
   Expected Output:
   Employee Name: Budi
   Employee Salary: 90000
```

```
[4] def show_employee(employee_name,employee_salary=90000):
      print("Employee Name:",employee_name)
      print("Employee Salary:",employee_salary)
```

```
[5] show_employee("Ani",150000)
```

```
↔ Employee Name: Ani
   Employee Salary: 150000
```

```
▶ show_employee("Budi")
```

```
↔ Employee Name: Budi
   Employee Salary: 90000
```
