



BRAINWARE UNIVERSITY
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Laboratory Report / Workshop / Assignment Submission
Session - 2024 - 25

Lab Report No: - 5

Topic Title: - Implement and execute functions in Python.

Name of the Department: - Cyber Science & Technology

Programme Name: - B.Sc (H) ANCS 2024

Semester / Year: - Semester-2, 2024-2025

Course Code: - VAC09009

Course Name: - Python Programming Lab

Name of the Student: - Rupankar Chakraborty.

Roll No: -

Registration No: -

Student Code: -BWU/BNC/24/ 157

A red ink signature of Rupankar Chakraborty, written in a cursive style, with the date "12.03.25" written below it.

Functions

Python functions are the block of code statement that return the specific task. We use functions to put some commonly or repeated tasks together and make a function so that we don't have to write the same code statement again for different set of inputs.

• Simple Function Example:

Input:

```
def greet():  
    print("Good Morning")  
greet()
```

Output: Good Morning

• Function with Parameters Example:

Input:

```
def greet_name(name):  
    print(f"Good Morning {name}")  
greet_name("Rupankar")
```

Output: Good Morning Rupankar

• Function with Return Value Examples:

Input:

```
def add(a, b):  
    return a + b  
result1 = add(5, 3)  
result2 = add(9, 13)  
print(result1, result2)
```

Output: 8 22

Input:

```
def sum(a, b):
```

~~add~~

```
    add = a + b
```

~~minus~~

```
    minus = a - b
```

~~multi~~

```
    multi = a * b
```

```
    div = a / b
```

```
    return add, minus, multi, div
```

```
a, d, m, v = sum(100, 50)
```

```
print(f"add: {a}, minus: {d}, multi: {m}, div: {v}")
```

Output: add: 150, minus: 50, multi: 5000, div: 2.0

Rupankar
12.03.25