

Defining Functions

Let us understand how to define functions in Python. Here are simple rules to define a function in Python.

- Function blocks begin with the keyword `def` followed by the function name and parentheses ().
- While defining functions we need to specify parameters in these parentheses (if applicable)
- The **function specification** ends with `:` - (example: `def add(a, b):`)
- We typically have `return` statement with expression in function body which results in exit from the function and goes back to the caller.
- We can have document string in the function.

```
def get_commission_amount(sales_amount, commission_pct):  
    commission_amount = (sales_amount * commission_pct / 100) if commission_pct else 0  
    return commission_amount
```

```
get_commission_amount
```

```
<function __main__.get_commission_amount(sales_amount, commission_pct)>
```

```
get_commission_amount(1000, 20)
```

```
200.0
```

```
def get_commission_amount(sales_amount, commission_pct):  
    if commission_pct:  
        commission_amount = (sales_amount * commission_pct / 100)  
    else:  
        commission_pct = 0  
    return commission_amount
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