

User-created Functions

Lesson Objectives

- What are Functions?
- Function Tasks
- Function Syntax

What is a Function?

- A set of code that you use to repeat a task.

Function Tasks

- DEFINE the function.
- CALL the function.
- Code inside the function are executed.

You have already used Python **Built-in** Functions!

- `print()`
- `input()`
- `len()`
- `str()`
- `int()`
- `float()`

FUNCTION SYNTAX:

def **function_name**():

indented block of code

code

code

#**descriptive** function name

#end line with **colon**

How do you **call a function**? –use its name

```
def sayhi():
```

#define function

```
    print("Hello User")
```

sayhi()

#calls the function

How do you **call a function**? –use its name

```
def sayhi():
```

```
    print("Hello User")
```

```
print("Top")
```

```
sayhi()
```

```
print("Bottom")
```

#define function

#prints "Top"

#calls the function

#print "Bottom"