

Python Bootcamp

Week 2 - Day 3

FUNCTIONS

Functions allow you take a code that is repeated throughout a program and move it to a module that can be called when needed.

It is simply a code block that can be used anywhere in a program.

Functions are defined using the def keyword

Example of Function:

[GitHub Link to Description \(Under Functions\)](#)

```
def functionname():  
    # code to execute  
    return value  
  
# calling a function  
functionname()
```

FUNCTIONS WITH PARAMETERS

Functions allow you to take a repeated code with different variables and constants. This is done by the use of parameters.

```
def function_name(parameter1, parameter2):  
    # code to execute  
    return value  
  
# Positional notation pass in arguments in same order as parameters are declared  
result = function_name(value1,value2)  
  
# Named notation  
result = function_name(parameter1=value1, parameter2=value2)
```

[GitHub Link to Description \(Under Functions\)](#)

SOURCE CODES:

<https://github.com/ZetechUni/python/tree/main/source/week-2/functions>

Remember to submit the code challenges