# >>> Functions

Functions

# A function is a block of code which only runs when it is called.

def my\_function():

print("Hello from a function")

my\_function()

def my\_function(fname):

print(fname + " Refsnes")

my\_function("Emil")

my\_function("Tobias")

my\_function("Linus")

def my\_function(fname, lname):

print(fname + " " + lname)

my\_function("Emil", "Refsnes")

# >>> Arbitrary Arguments, \*args

# If you do not know how many arguments that will be passed into your function,

# add a \* before the parameter name in the function definition.

def my\_function(\*kids):

print("The youngest child is " + kids[2])

my\_function("Emil", "Tobias", "Linus")

# >>> Keyword arguments

def my\_function(child3, child2, child1):

print("The youngest child is " + child3)

my\_function(child1 = "Emil", child2 = "Tobias", child3 = "Linus")

# >>> Arbitrary Keyword Arguments, \*\*kwargs

def my\_function(\*\*kid):

print("His last name is " + kid["lname"])

my\_function(fname = "Tobias", lname = "Refsnes")

# >>> Default Parameter Value

def my\_function(country = "Norway"):

print("I am from " + country)

my\_function("Sweden")

my\_function("India")

my\_function()

my\_function("Brazil")

# >>> Return Value

def my\_function(x):

return 5 \* x

print(my\_function(3))

print(my\_function(5))

print(my\_function(9))