Answer the following questions, if you’re not sure or even don’t remember, revisit our videos, refer to our book or ask your instructors or your TAs:

Remember that there isn’t only one right answer, only good ones :)

* Why should we use functions at all?

(+) To help us organize programs into chunks that match how we think about the problem

(+) Give us an opportunity to name a group of statements 🡪 simplify a program

(+) Make program smaller by eliminating repetitive code

* How to define/declare a function?

def Name(parameters):

Statement

* How to call/use a function?

Use the name of the function being executed, followed by a list of values (arguments), which are assigned to the parameters in the function definition

* What is return, why and how do we use it?

Functions return values so that these values can be used to build more complex expressions

How to use: the return function is followed by an expression (return [a,b,c])

* Do we have to use return in **every** function?

No. If we do not use return in a function, Python will automatically return the value None

* What are function arguments/parameters, why and how we use it?

Parameters are the values that are passed get assigned to variables

How to use: we use:

function(paramters)

* How to use function from a different file other than our currently working file?

We import the different file into the current working file

from file\_name\_to\_import import function

OR:

Import file\_name\_to\_import