**KEYWORD AND SPECIFICATIONS**

**Keyword Arguments**

We can specify that some arguments have default values, so if no value is supplied, just use that value. Useful for when we define functions that have a specific value that remains mostly unchanged.

**Specifications**

A contract between the implementer of a function and the clients who will use it. This contract consists of assumptions (conditions that must be met and guarantees (what it will return). The way we do this in python is by using docstring

Assumptions: conditions that must be met by clients of the function; typically, constraints on values of parameters.

Guarantees: conditions that must be met by function, providing it has been called in a manner consistent with the assumptions.

def is\_even():

“””

Input: i, a positive int

Returns True if i is even, otherwise False

“””

Print(“Hi”)

return (i%2 == 0)