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# CMSC 115 Reading Guide

Please enter your responses in red.

# 8.2 Default Values and Parameters as Keywords Read

1. What is an example of a default parameter and a keyword parameter we have seen before in the print() function? An example of a default parameter in the print function is the new line character, a keyword parameter example is sep=
2. How does parameter ordering affect the way default parameters are interpreted? Parameter ordering affects the way default parameters are interpreted by allowing you to ignore the standard order and specify which argument-to-parameter you wish to use.
3. What is the advantage of passing keywords by name? The advantage of passing keywords by name is useful for specifying only particular arguments that the programmer wants in a long list of parameters.

## 8.2.1 Read

1. Why do they recommend using either standard invocation or parameter keywords, but not mixing the two within a single function? They recommend sticking with one or the other as you may invoke a parameter twice, and would need to make sure all required arguments are provided.

# 8.3 Read

1. What use might it be that you can find out the name, description, and namespace of a function by calling a method on the function’s object? (top of page 408) It might be of use to find out the name, description, and namespace of a function by calling a method on the function’s object as this allows you to figure out what the function object is being used as.

## 8.3.1 Read

1. How are function annotations similar to comments? Function annotations are similar to comments in that the programmer has to provide them that details what something is going to do, but Python does not do anything with that data.

## 8.3.2 Skim

# 8.4 Example Skim