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# CMSC 115 Reading Guide

Please enter your responses in red.

# 8.1 Scope Read

1. What is variable scope? The variable scope is a set of program statements over which a variable exists and can be referred to.

## 8.1.1 Read

1. What happens when the same variable name is used in a main program but also in a function’s parameter list? When the same variable name is used in a main program and also in a function’s parameter list the association or reference gets copied and they are both associated with the same object.
2. What is a namespace? Namespaces are a collection of symbolic names along with the information about the object that they reference. It’s like a dictionary.

## 8.2.2 Reread

1. What is the danger is passing mutable objects to a function? The danger in passing mutable objects to a function is that it will change the object itself.

## 8.2.3 Read

## 8.2.4 Skim