

# GRAND CIRCUS – GUEST LIGHTNING TALK ON C# LOOPS

## LECTURE INFORMATION

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## SUBJECT DESCRIPTION

This lightning lesson lays out the foundation for learning the concept of loops in C#. A loop as the name suggests, is a block of code that's specified once but may be carried out several times in succession.

## LEARNING OBJECTIVES

C# offers several ways to construct a loop which includes ***while***, ***do***, ***for*** and ***foreach*** loops. We'll take a quick look at each of these types of loop and then dive into a hands-on example of how to iteratively count backwards from 1-10 using a *for* loop.

By lesson's end you'll have a general understanding of the basic syntax required to create a loop, as well as being exposed to additional keywords such as ***break*** and ***continue***. There are other types of loops such as the ***recursive***, ***nested*** and ***infinite*** loop; we'll quickly touch on these additional ways of constructing a loop.

## RESOURCES

The code samples and entire presentation including this lesson outline can be downloaded at:

<https://github.com/PauloPolaco/GCExLoops>

You can also follow along to the code within the presentation by viewing the following:

<https://github.com/PauloPolaco/GCExLoops/blob/master/GCExLoops/PrintNumbers.cs>