iOS development using Swift

Class 5

Memory

Memory management and ARC

It's automatic – but there are three key concepts

- Variable scope
- You get a chance to cleanup
- Cross-references or deadlocks (known as Strong Retain Cycles in iOS) are possible and can be prevented

Plan for Class 5

1. Demonstrate memory management under the following scenarios
   - Simplest case of objects creation and deletion
   - An array of objects
   - Creating a strong retain cycle
   - Breaking the strong retain cycle using the 'unowned' idea

Assignment

Assignment 1: Remove the 'unowned' keyword and explain what happens

Assignment 2: Create your own project that demonstrates a 'strong retain cycle'