

Lab: CoolView

1. Add a new subclass of **UIView**, named **CoolView**. Add properties named **contentView** and **accessoryView** typed as implicitly unwrapped optionals of type **UIView**, and do as follows.
 - 1.1. In the **CoolController**'s **loadView** method, change the type of its view to **CoolView**.
 - 1.2. In **loadView**, comment out the line of code that sets the view's background color, and instead, override **CoolView**'s inherited **init(frame:)** initializer to set its background color.
 - 1.3. Run the app to verify that the **CoolView** is visible.
2. In **init(frame:)**, add two subviews, as follows:
 - 2.1. The first subview will be stored in the **accessoryView** property, will be **90** points tall, and will be positioned at the top of the **CoolView**. It's width should be the same as the **CoolView**'s. Make the accessory view's background color white, with an alpha of **0.7**, and add it to the **CoolView**'s subviews array.
 - 2.2. The second subview will be stored in the **contentView** property. It will be positioned immediately below the **accessoryView**, and will be large enough to completely cover the remainder of the **CoolView**. Make the content view's background color white, with an alpha of **0.5**, and add it to the **CoolView**'s subviews array.
 - 2.3. Run the app to verify that the accessory view and content view are both visible, don't overlap, and completely cover the **CoolView**'s background.
3. Comment out the code in **loadView** that creates and adds **CoolCells**, in preparation for migrating the functionality to **CoolView** in the next step. Run the app to verify that the cells no longer appear.
4. Add a method named **addCell(origin:text:color)** to **CoolView**.
 - 4.1. The first parameter, **origin**, should be of type **CGPoint**, and have a default value of **CGPoint.zero**.
 - 4.2. The second parameter, **text**, should be of type **String**, and should not have a default value.
 - 4.3. The third parameter, **color**, should be of type **UIColor**, and have a default value of **UIColor.brown**.
 - 4.4. The method should create a new instance of **CoolCell**, add it to the content view's subviews array, and set its origin, text, and background color with the provided argument values. Finally, it should call **sizeToFit()** to resize the cell.
 - 4.5. Add code to the **CoolView**'s initializer to add back the two original **CoolCell** instances that were previously created in the controller's **loadView** method.

9:09



Hello World! 🌍🌍🌍☀️

Cool Cells FTW! 🏆🥇🏆