iOS Animation with Swift

Hands-On Challenges

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Challenge B: Tint animation

So far you animated `x` and `y` coordinates and that was relatively easy. For this challenge you will experiment with animating an `NSColor` property – the background color of the login button in your form.

Part 1: Animating a color

UIKit knows how to animate each of the animatable properties on a `UIView`. When such a property cannot be expressed via a simple value, UIKit still knows how to calculate all intermediate values in order to show the value change in an animated way.

So to try this out – change the login button background color from inside an animation block. Open **ViewController.swift**, scroll to the `login()` method, and inside the animations block at the bottom add:

```
self.loginButton.backgroundColor = UIColor(red: 0.85, green: 0.83,
blue: 0.45, alpha: 1.0)
```

This will tint the color of the button while it moves down and changes its bounds. Once more, if you want to observe better the intermediate states of the animation, increase the animation duration.