**100 days of Swift**

**CoreImage**

Super-fast and super-powerful framework from Apple, which applies filters to images. It makes use of a CIContext so be sure to import it and initialize it on the viewDidLoad(), you will also need a filter object, which is of type CIFilter.

Not all filters have the kCIInputImageKey key available, therefore, we need to check beforehand which keys are available. For this, we can use the contains method in the currentFilter.inputKeys property.

To save an image to the photo album, use the UIImageWriteToSavedPhotosAlbum method, which as a third parameter receives a callback, that should be a method to call when the image has been saved to the photo library, you can show an alert to confirm it was saved or if there was an error.