

# «ColorChart» in Objective-C + Kindergarten mode

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# As an introduction...

## **Goals of this exercise**

- Manipulate the main interaction mechanisms under iOS
- Have most of them both as «outlet» and «actions»
- Customized buttons
- Advanced Layout management with Storyboard
  - ▶ Differentiated layouts for small devices's orientation
  - ▶ Common layout for large devices
- Write a bit of Objective-C
  - ▶ Without ARC
  - ▶ Sadly, too simple for really experimenting memory management



# As an introduction...

## Goals of this exercise



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## Serious App

Numerous similar on the AppStore



### Color Wheel - Basic color schemes 4+

Dmitriy Polyakov

★★★★★ 5.0, 11 Ratings

Free · Offers In-App Purchases

### Screenshots [iPhone](#) [iPad](#)





# Demo on a «small» device





# Demo on a «large» device





# A few hints

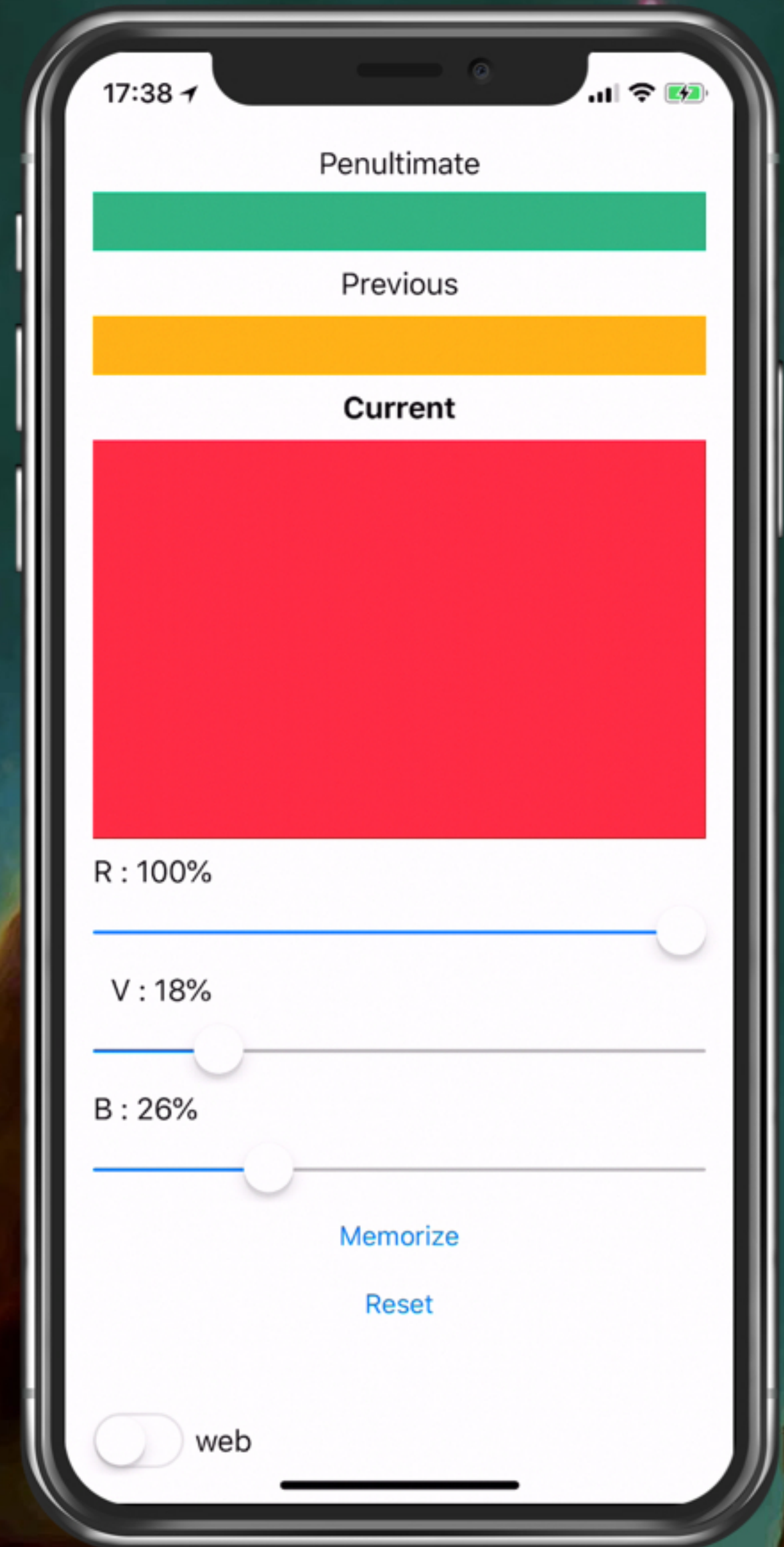
## Interface mechanisms to be used

- UIButton + UILabel + UIStepper
  - ▶ Customized buttons for previous and Penultimate
- UISwitch, UISlider
- UIView
  - ▶ Display the current color

## A bit of code

- NSString formatting
- More color management

## But you know...





# A few hints



## Interface mechanisms to be used

- UIButton + UIImageView + UIStepper

- ▶ Customized UIButton for previous

- UISwitch, UISlider

- UIView

- ▶ Display the color



### Big trick

«Penultimate» and «Previous» are customized buttons



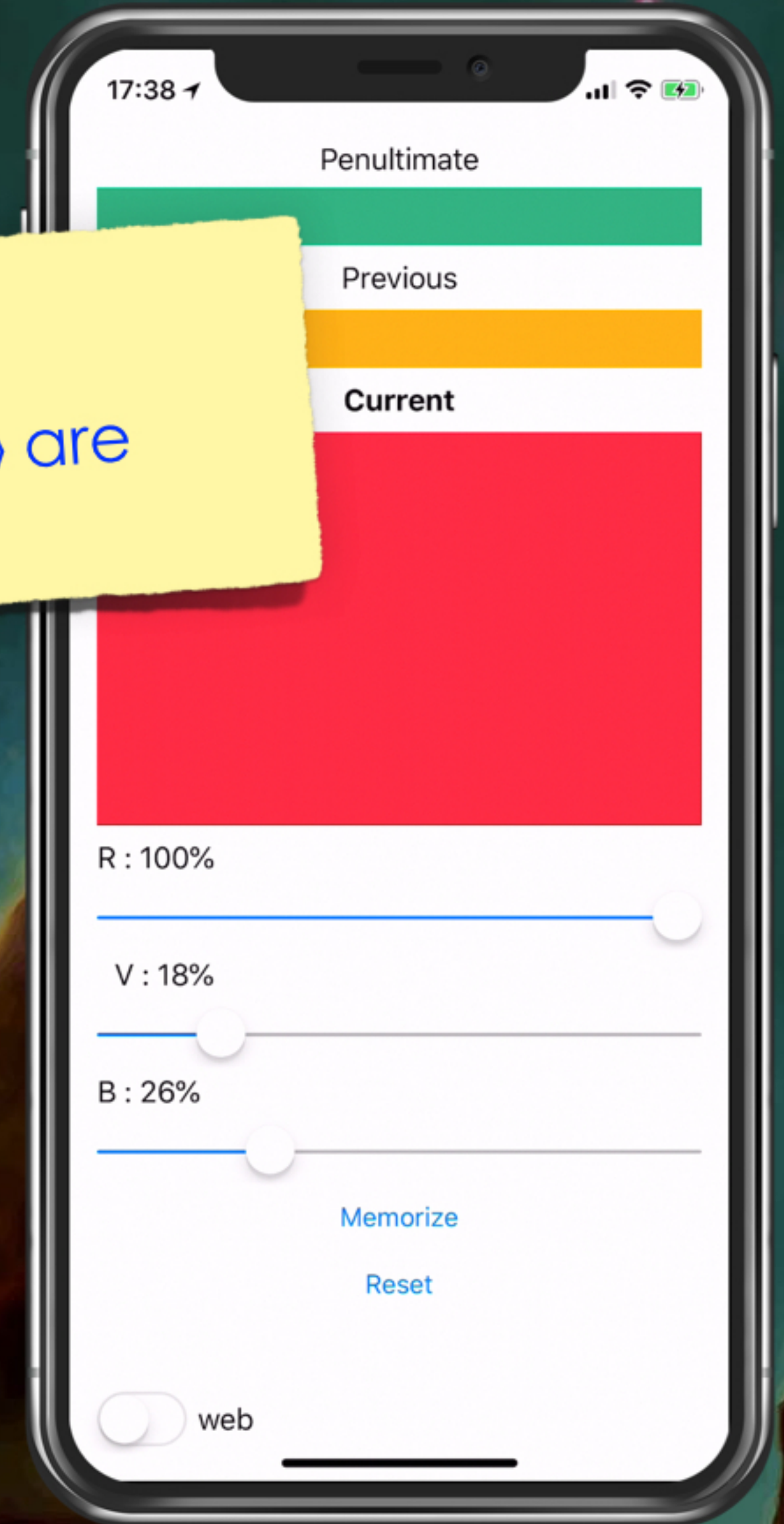
## A bit of code

- NSString formatting

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## But you know...





# As a conclusion...



**Have fun!**



**You may enrich the exercise**

- 📍 Resources in the video description's page