

Pickers

CS112 Unit 13

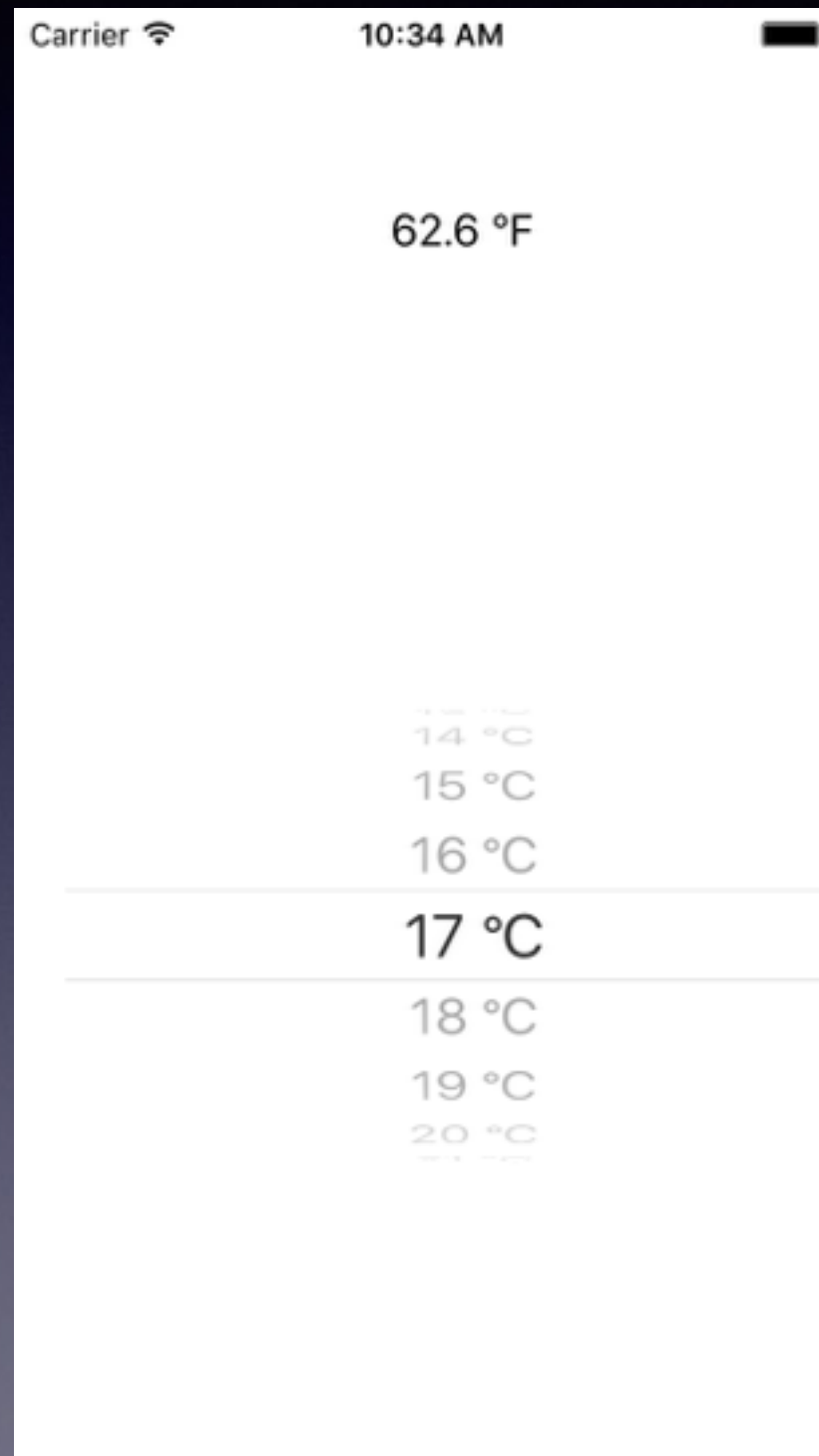
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temperature conversion app

- Our goal: an app which allows the user to input a temperature in Celsius, and we display the corresponding temperature in Fahrenheit

UIPickerView

- UIKit includes **UIPickerView**



UIPickerView

- fewer taps for user to select input value than a UITextField
- automatic input validation - only accept values that we want to allow

UIPickerView

- how to support? two protocols:
 - UIPickerViewDataSource
 - UIPickerViewDelegate

demo - temperature
conversion app

Exercise 13

- The app we built together can convert from 0 to 9 C. Enhance your app so that it can convert from -50 to 150 C.
- One way you could do this would be to expand the array we created together manually, i.e. enter all values from -50, -49, ..., 149, 150 into the array. see if you can figure out a better way to do this!