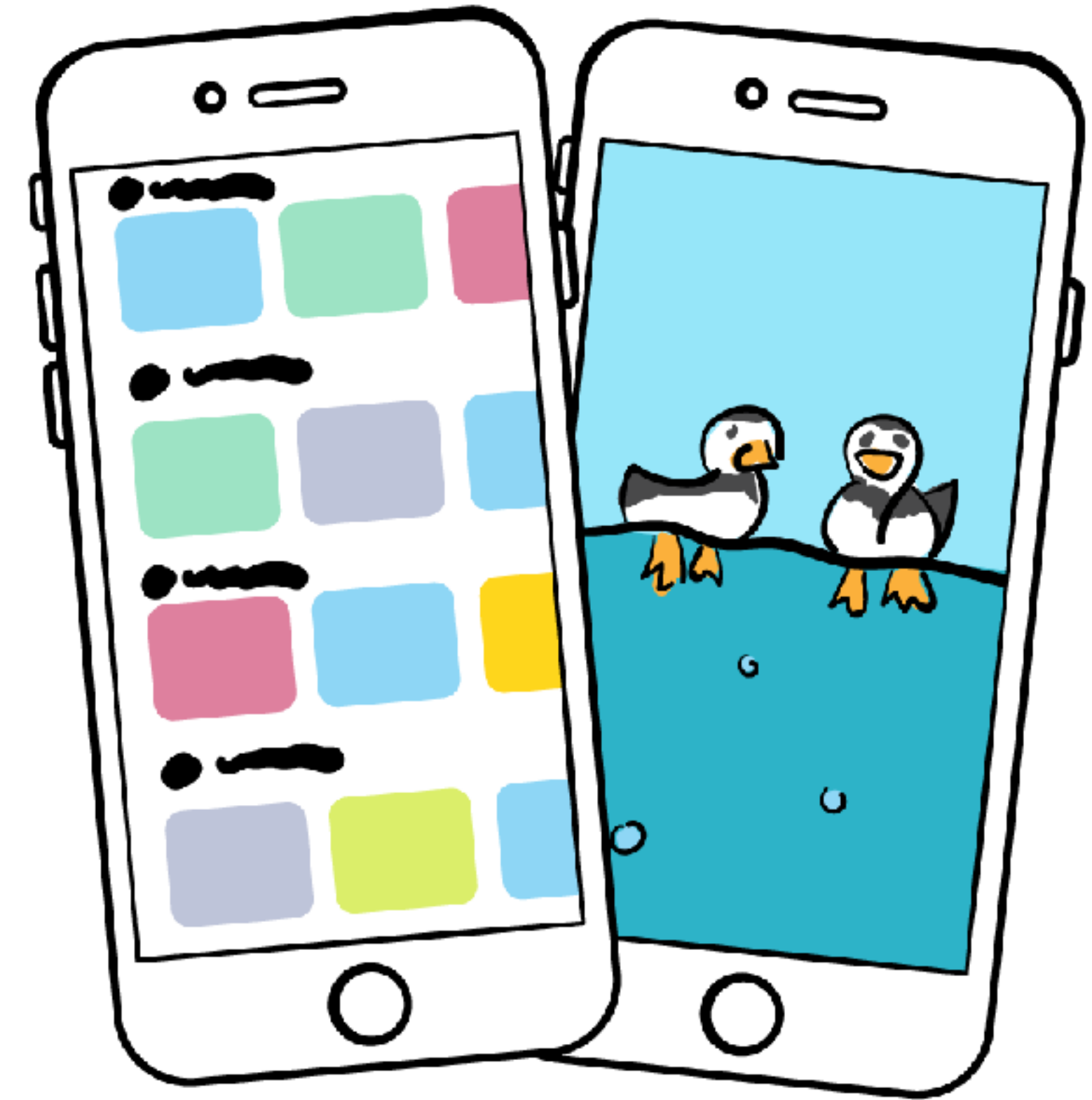
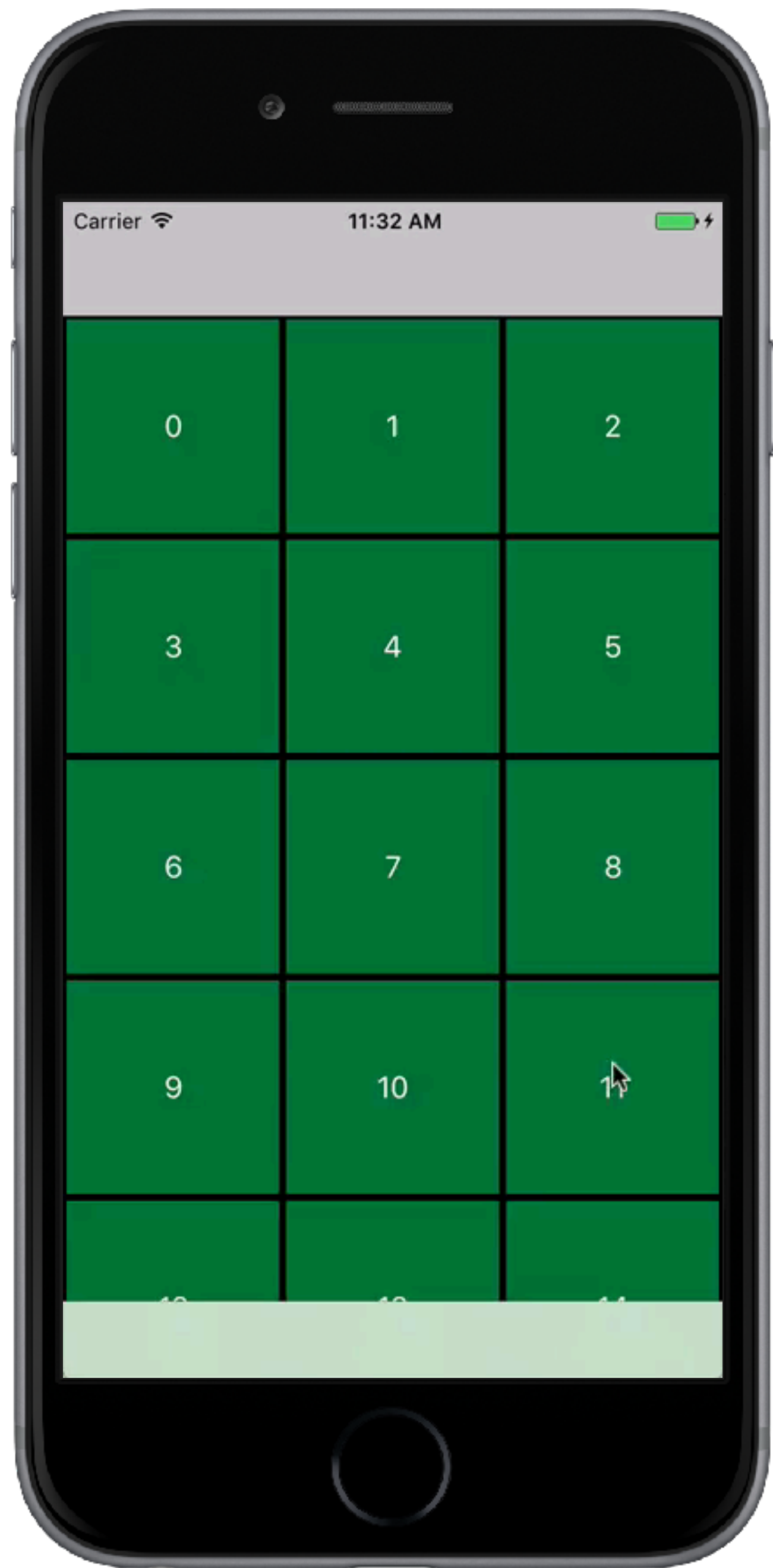


BEGINNING

# COLLECTION VIEWS



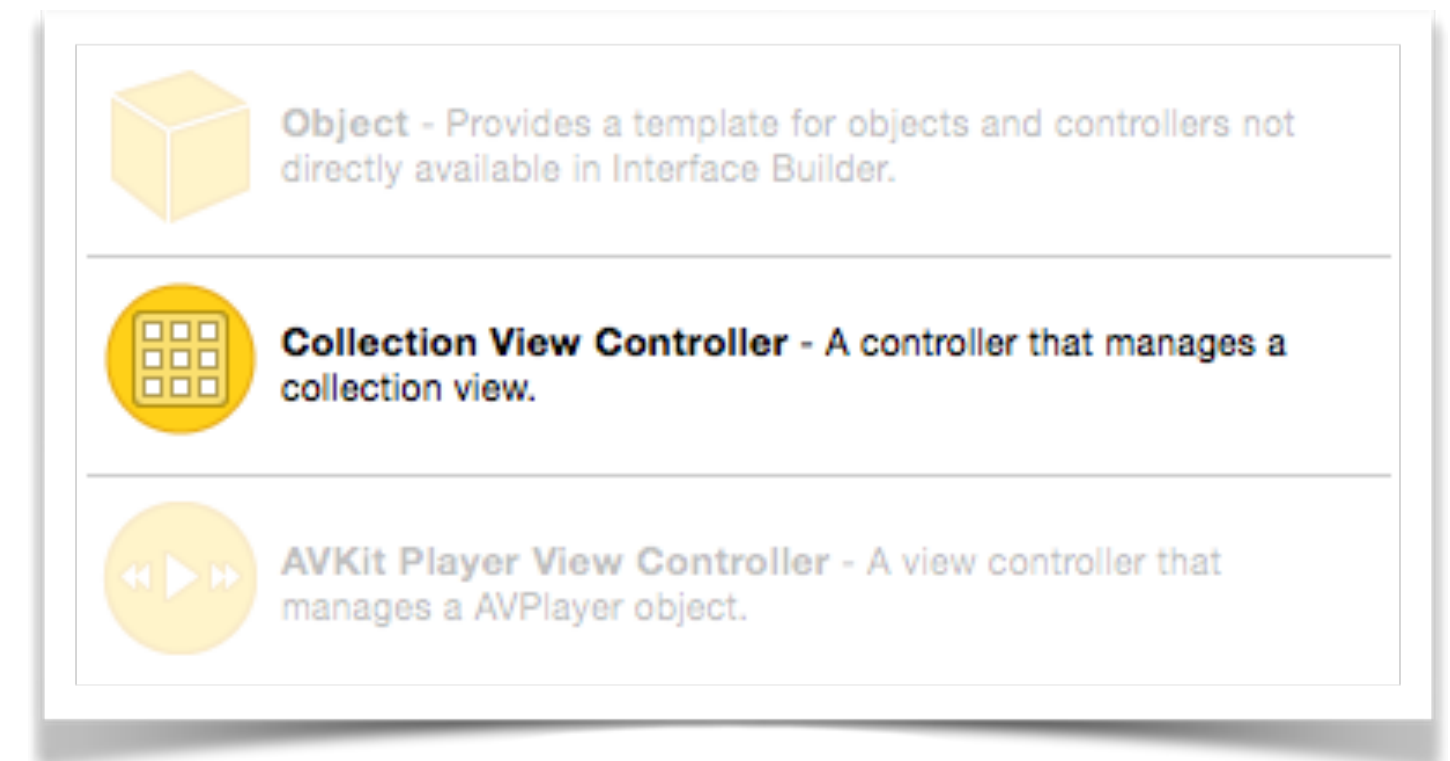
PART #2: GETTING STARTED



# UICollectionViewController

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- ▶ Makes collection views easy
- ▶ Preconfigured view controller
- ▶ Direct access to layout
- ▶ Conforms to two protocols:
  - ▶ UICollectionViewDataSource
  - ▶ UICollectionViewDelegate





# UICollectionViewFlowLayout

- ▶ Default Collection View Layout
- ▶ Organizes items into a grid
- ▶ Optional headers and footers
- ▶ Cells can be different sizes
- ▶ Single scrolling direction
- ▶ Easily customized via subclassing
- ▶ Optimized for efficiency



# UICollectionViewDataSource

---

- ▶ Protocol
- ▶ Provides information to the collection view
- ▶ Handles creation and configuration of cells
- ▶ Two required methods:

```
func collectionView(_:numberOfItemsInSection:) -> Int
```

```
func collectionView(_:cellForItemAt:) -> UICollectionViewCell
```

# DEMO



# CHALLENGE TIME!

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