Alert Views
Alert Views

- Alert views are an easy way to display concise and informative information to the user.
- The kind of UI that is displayed in a UI Alert Controller is specified by the controller’s preferred style when creating the controller.
- You customize the UI by identifying what buttons or text fields you want to include.
Key classes

The primary classes used in an Alert are:

- **UIAlertController**
  - is a VC that displays an alert message to the user

- **UIAlertAction**
  - represents an action that can be taken when tapping a button in an alert

You create a **UIAlertController** object first, and then add as many **UIAlertAction** objects as needed, typically based on the number of buttons defined.
UIAlertController Style Settings

Alert: a UI that displays over and grays out the current UI.

- “Trust” and “Don’t Trust” are the two UIAlertAction objects.
**UIAlertController Style Settings**

*Action Sheet:* a UI that slides up from the bottom of the screen and grays out the current UI.

- In this example, there are five `[UIAlertAction](https://developer.apple.com/documentation/uikit/uialertaction) objects.
**UIAlertAction**

- A **UIAlertAction** represents an action that can be taken when tapping a button in an alert.

- You use this class to configure information about a single action, including:
  - The *title* to display in the button
  - Any *style* information
  - A *handler* to execute when the user taps the button
UI_alertAction Style Settings

- **Default:**
  - Apply the default style to the action’s button
  - Normal text

- **Cancel:**
  - Apply a style that indicates the action cancels the operation and leaves things unchanged
  - Can only have one of these. (App crashes if you define more than one for a given button)
  - Bold text

- **Destructive:**
  - Apply a style that indicates the action might change or delete data
  - Red text color