Contents

[Search Button Appear at OnCreate 2](#_Toc447057305)

[Typable TextView Appear at OnCreate (Dynamic) 3](#_Toc447057306)

# Search Button Appear at OnCreate

## Desirable:

A Button object should appear when the user first opens the app.

## Procedure:

1. Open an Android device/ emulator.
2. If the app does not appear automatically (as in using a physical Android device), navigate to the ICLibrary app in the launcher screen.
3. Tap the ICLibrary app launch icon.

## Result:

A MainActivity will appear with a Button object in the upper left-hand corner of the MainActivity’s Layout. The Button’s label should read “Search.”

# Typable TextView Appear at OnCreate

## Desirable:

A text box for users to enter search queries should appear in the MainActivity.

## Procedure:

1. Open an Android device/ emulator.
2. If the app does not appear automatically (as in using a physical Android device), navigate to the ICLibrary app in the launcher screen.
3. Tap the ICLibrary app launch icon.

## Result:

A MainActivity will appear with an EditText object in the upper left-hand corner of the MainActivity’s Layout. The EditText should be snapped to the right of the Search Button.

# TextView Reads “Enter Search Here”

## Desirable:

The app’s main search bar will contain text that reads, “Enter search query here”. Text will disappear when user clicks into it.

## Procedure:

1. Open an Android device/ emulator.
2. If the app does not appear automatically (as in using a physical Android device), navigate to the ICLibrary app in the launcher screen.
3. Tap the ICLibrary app launch icon.
4. Tap the search bar to begin typing.

## Result:

An EditText with a pre-defined string should appear. The pre-defined string should disappear whenever the user types into the EditText.