**[Lab 2: Exploring Button Creation](https://bbhosted.cuny.edu/webapps/assignment/uploadAssignment?content_id=_79920921_1&course_id=_2286381_1&group_id=&mode=view)**

**1. Create a New SwiftUI Project:**

* Launch Xcode.
* Create a new SwiftUI project.
* Name it "ButtonDemo" (or any name you prefer).
* Save it to a location of your choice.

**2. reating a Button with Text:**

* Use the Button view with a Text view inside.
* Customize the button's appearance using modifiers like .foregroundColor, .background, and .padding.
* Implement a basic action for the button, e.g., print a message when it's tapped.

**3. Using Image as a Button:**

* Explore how to use an Image view as a button by attaching a tap gesture.
* Customize the button's appearance with modifiers.
* Implement a different action for this button.

**4. Creating a Toggle Button:**

* Learn how to create a toggle button using the Toggle view.
* Customize the toggle button's appearance with modifiers.
* Implement actions that respond to the toggle state.

**5. Using NavigationLink as a Button:**

* Create a button-like behavior using the NavigationLink view.
* Explore how to navigate to a different view when the link is tapped.
* Customize the link's appearance with modifiers.

**6. Button with Icons:**

* Create a button with an icon by combining an Image view and Text view within a Button.
* Customize the button's appearance, and implement an action to respond to its t