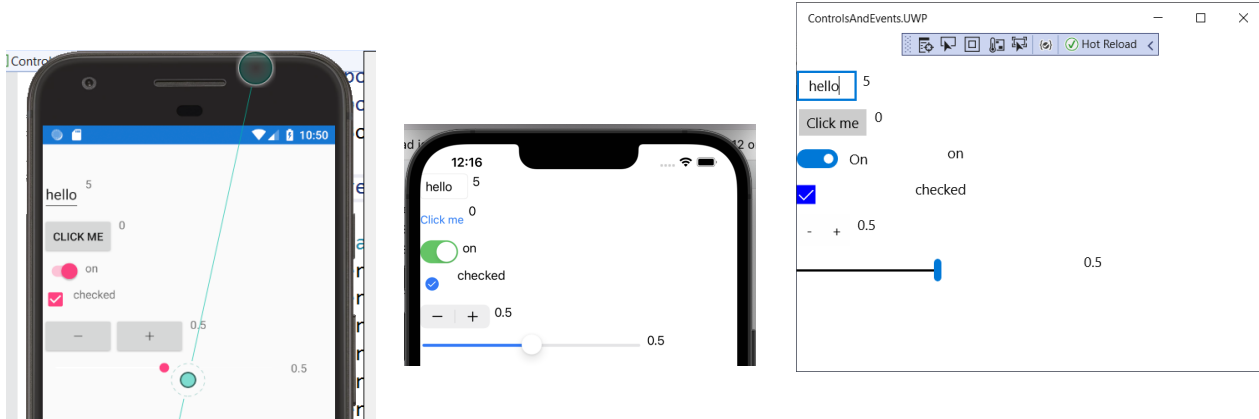


CSE 382

Exercise - Controls, Events, StackLayout

Create a project in your Git repository. What to submit: Make sure you commit and push your source code. In addition, submit a demonstration video to Canvas. In your demonstration, interact with each control in sequence. Both of them need to be submitted by the due date. The length of the video should be less than 1 minute.



For each of the following controls, you will have a pair - a control and a label that sit side by side (i.e., Horizontal StackLayout). The label's text will reflect the current state of that control

- Entry
 - Event - TextChanged
 - `private void entryChanged(object sender, TextChangedEventArgs e) {`
 - The associated label should contain the number of characters in the Entry text.
- Button
 - Event - Clicked
 - `private void OnClicked(object sender, EventArgs e) {`
 - The associated label should display the number of times the button was clicked.
- CheckBox
 - Event - CheckChanged
 - `private void OnChecked(object sender, CheckedChangedEventArgs e) {`
 - The associated label should display "checked" or "unchecked"
 - Should start as "on"
- Switch
 - Event - Toggled
 - `private void OnToggled(object sender, ToggledEventArgs e) {`
 - The associated label should display "on" or "off"
 - Should start as "on"
 - Note that UWP's Switch has text associated with them, unlike Android and iOS, so it will have two pieces of text present.
- Slider & Stepper
 - Event - ValueChanged
 - `private void OnValueChanged(object sender, ValueChangedEventArgs e) {`
 - You will need two events, one for each control

- The associated label should contain the value of the slider.
- Should allow the user to select a number $[0, 1]$
- Both should start at 0.5
- You will probably need to set the WidthRequest property to control the visible width of the control
- For the Stepper, you will need to set the Increment property to, say, 0.1
- These two controls should operate independently of one another. That is, clicking the stepper should not change the slider's label.