







GUI Day with Tkinter!




- Let's build buttons, draw on canvas, and make fun apps  

Follow-Along: Make a Button




-  Create a Tkinter window
-  Add a label and a button
-  When the button is clicked, update the label!
-  Use: ``label.config(text='...')``



Fill in the Code: Button Puzzle

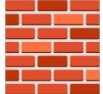



-  Complete the scaffolded code
-  Add missing parts like title, geometry, and button logic
-  Make sure the button actually changes the label text!

Rearrange the Lines!

-  You'll get a scrambled version of the button app
-  Put the code lines in the correct order
-  Pay attention to the order of function, label, button, and mainloop






Follow-Along: Canvas Drawing

-  Use ``Canvas()`` to draw shapes
-  Draw a line and a rectangle
-  Set width, height, and background color
-  Explore ``.create_line()``,
``.create_rectangle()``






Fill-in: Canvas Drawing

-  Add code to set up the canvas
-  Fill in coordinates and colors
-  Make your own version of the drawing!







Rearrange the Canvas App!

-  Scrambled code to draw with canvas
-  Reorder to fix the logic
-  Be sure to include: window, canvas, shapes, mainloop







Choose Your Mini Project!

-  Mood Selector App (input + label)
-  Draw a face with canvas shapes
-  Quiz App or MadLibs
-  Your choice — be creative!



Ready for a Challenge?

-  Canvas Rainbow (loops + arcs)
-  Emoji Mood App (dictionary + input)
-  Add a clear/reset button
-  Add style: fonts, colors, sizes