

PYTHON GUI: Labels

Computer Science Software Engineering

Learning Objectives

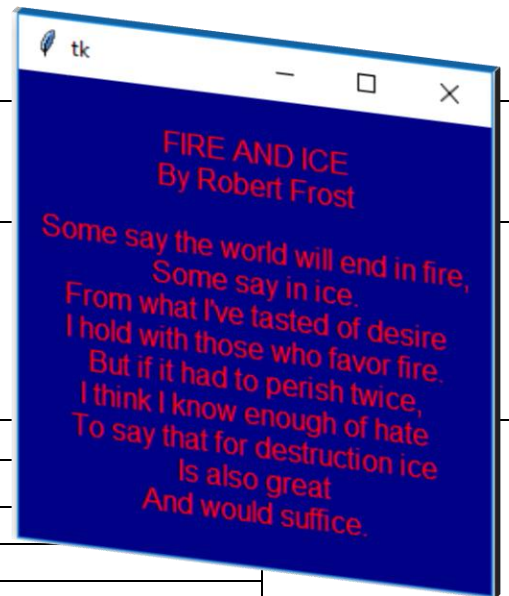
Students will be able to demonstrate mastery of ...

1. Python GUI Interface Commands
2. Creating Labels with Custom Messages

Procedure

1. Review basic tkinter commands for use in your program.

Basic Tkinter Commands	
Label(#text#)	creates a label
.grid(#parameters#)	configures layout management geometry
.config(#parameters#)	configures the widget
.mainloop()	loops the program in tkinter
bg=	sets the bg
font=	changes the font properties



2. You can now use this basic code to create a rudimentary message using Labels in a Python GUI.

1	import tkinter
2	#
3	msg="""
4	FIRE AND ICE
5	By Robert Frost
6	
7	Some say the world will end in fire,
8	Some say in ice.
9	From what I've tasted of desire
10	I hold with those who favor fire.
11	But if it had to perish twice,
12	I think I know enough of hate
13	To say that for destruction ice
14	Is also great
15	And would suffice.
16	"""
17	lbl1=tkinter.Label(text=msg)
18	lbl1.config(bg="navyblue",font=(16),fg="red",padx=10)
19	lbl1.grid()
20	tkinter.mainloop()

Assignment

Modify the code to practice creating your own messages. You must meet the following standards:

1. Creates custom message
2. Uses custom font type
3. Uses custom font size

To exceed the standard (add one or more of the following):

1. Display two messages on the screen simultaneously