

Demo 19: Tkinter (Part 1)

DSP Lab (EE 4163 / EL 6183)
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Tkinter is a Python library for making graphical user interfaces (GUIs). Tkinter stands for *ToolKit Interface*.

For documentation and resources about Tkinter, see the file *notes.pdf* in the folder of demo programs.

Exercise

Make your own original GUI using Tkinter.

- Your GUI should use all the widgets shown in the demo programs (`label`, `button`, `entry`, `scale`).
- Your GUI should also use *bind* illustrated in the demo programs *TKdemo_06_click.m* and *TKdemo_07_clickreturn.py* to read information from the keyboard and mouse.
- Your GUI should also use at least one additional widget: `checkboxbutton`, `radiobutton`, or `listbox`.

Your GUI does not need to include any audio functionality. We will include audio in a later set of demos and a later assignment.