

tkinter\basic.py

```
1 import tkinter as tk
2
3 root = tk.Tk()
4 root.geometry("500x500")
5 root.resizable(False, False)
6 root.title("My Tkinter app")
7 root.config(background="green")
8
9
10 mylabel = tk.Label(root, text = "Hello World", font=("Ariel", 20), background="green", fg= "white")
11 mylabel.place(x = 10, y = 10)
12
13 def myCommand():
14     day = textBox.get("1.0", "end-1c")
15     mylabel.config(text = day)
16
17
18 myButton = tk.Button(root, text = "Press Me", font=("Ariel", 20), command = myCommand, background="lightgreen")
19 myButton.place(x = 10, y = 50)
20
21 options = [
22     "Monday",
23     "Tuesday",
24     "Wednesday",
25     "Thursday",
26     "Friday",
27     "Saturday",
28     "Sunday"
29 ]
30
31 selected = tk.StringVar()
32 selected.set( "Monday" )
33 dropdown = tk.OptionMenu( root , selected, *options)
34 dropdown.place(x = 10, y = 150)
35
36 def picked():
37     selection = "You selected the option " + str(ticked.get())
38     mylabel.config(text = selection)
39
40 ticked = tk.IntVar()
41 r1 = tk.Radiobutton(root, text="Option 1", variable=ticked, value=1, command=picked)
42 r2 = tk.Radiobutton(root, text="Option 2", variable=ticked, value=2, command=picked)
43 r3 = tk.Radiobutton(root, text="Option 3", variable=ticked, value=3, command=picked)
44 r1.place(x = 400, y = 10)
45 r2.place(x = 400, y = 40)
46 r3.place(x = 400, y = 70)
47
48
49 CheckVar = tk.IntVar()
50 checkBox = tk.Checkbutton(root, text = "Tick Me", variable = CheckVar, onvalue = 1, offvalue = 0)
51 checkBox.place (x=10, y= 450)
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52
53 textBox = tk.Text(root, width = 20, height=3)
54 textBox.place(x= 300, y = 300)
55
56 spinner = tk.Spinbox(root, from_=0, to=10)
57 spinner.place(x= 300, y = 200 )
58
59 slider = tk.Scale(root, from_=0, to=100, orient=tk.HORIZONTAL)
60 slider.place(x = 10, y = 250)
61
62
63 def donothing():
64     print("I don't do anything, but I could...")
65
66 #make the menubar
67 menubar = tk.Menu(root)
68
69 #add options the file menu
70 filemenu = tk.Menu(menubar, tearoff=0)
71 filemenu.add_command(label="New", command=donothing)
72 filemenu.add_command(label="Open", command=donothing)
73 filemenu.add_command(label="Save", command=donothing)
74 filemenu.add_separator()
75 filemenu.add_command(label="Exit", command=root.quit)
76 #add the file menu to the menu
77 menubar.add_cascade(label="File", menu=filemenu)
78
79 #make the edit menu
80 editmenu = tk.Menu(menubar, tearoff=0)
81 editmenu.add_command(label="Undo", command=donothing)
82 editmenu.add_separator()
83 editmenu.add_command(label="Cut", command=donothing)
84 editmenu.add_command(label="Copy", command=donothing)
85 editmenu.add_command(label="Paste", command=donothing)
86 editmenu.add_command(label="Delete", command=donothing)
87 editmenu.add_command(label="Select All", command=donothing)
88 #add the edit menu to the menubar
89 menubar.add_cascade(label="Edit", menu=editmenu)
90
91 #make the help menu
92 helpmenu = tk.Menu(menubar, tearoff=0)
93 helpmenu.add_command(label="Help Index", command=donothing)
94 helpmenu.add_command(label="About...", command=donothing)
95 #add the help menu to the menubar
96 menubar.add_cascade(label="Help", menu=helpmenu)
97
98 #add the menubar to the root window
99 root.config(menu=menubar)
100
101
102 root.mainloop()
```