

**GUI:** graphical user interface

**tk:** Toolkit, hier: GUI-Toolkit für Python

**tkinter** steht für **tk interface**, damit ist gemeint die Sprachanbindung des GUI-Toolkit für Python

```
from tkinter import *

fenster = Tk()
fenster.title('Beispiel')
fenster.geometry("400x600")

def summe():
    x = int(entry2.get())
    y = int(entry3.get())
    result = x + y
    label4.config(text=str(result))

label = Label(fenster, text = 'hello world!', font=("Arial", 20))
label.place(x = 20, y = 10)

label1 = Label(fenster, bg='lightgrey', fg='red',
text = "hello info-kurs!", font=('Times New Roman', 20))
label1.place(x = 20, y = 50)

label2 = Label(fenster, text = 'x', font=("Arial", 20))
label2.place(x = 20, y = 90)

entry2 = Entry(fenster, bg='turquoise', font=("Arial", 20))
entry2.place(x = 20, y = 125, width=60, height=30)

label3 = Label(fenster, text = 'y', font=("Arial", 20))
label3.place(x = 20, y = 160)

entry3 = Entry(fenster, bg='turquoise', font=("Arial", 20))
entry3.place(x=20, y=195, width=60, height=30)

label4 = Label(fenster, bg='green', text='Ergebnis', font=("Arial", 20))
label4.place(x = 20, y = 300)

button = Button(fenster, bg='lightblue', text='=',
font=("Arial", 20), command = summe)
button.place(x=20, y=245, width=60, height=30)
```

