

File Edit Selection View ...

live.py X

F: > live.py > ...

```
1  import tkinter as tk
2  from tkinter import ttk
3  def convert():
4      try:
5          weight = float(entry.get())
6          unit = combo_from.get()
7          to_unit = combo_to.get()
8          # Convert to kilograms
9          if unit == "Gram":
10             Kg = weight/1000
11         elif unit == "Miligram":
12             Kg = weight/1_000_000
13         elif unit == "Pound":
14             Kg = weight/2.20462
15         elif unit == "Tonne":
16             Kg = weight * 1000
17         else: # Kilogram
18             Kg = weight
19         # Convert from Kilograms to target unit
20         if to_unit == "Gram":
21             result = Kg * 1000
22         elif to_unit == "Miligram":
23             result = Kg * 1_000_000
24         elif to_unit == "Pound":
25             result = Kg * 2.20462
```

Search

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```
3 def convert():
24     elif to_unit == "Pound":
25         result = Kg * 2.20462
26     elif to_unit == "Tonne":
27         result = Kg/1000
28     else: # Kilogram
29         result = Kg
30     label_result.config(text=f"Result:{result:.3f}{to_unit}")
31 except:
32     label_result.config(text="Invalid input!")
33 # GUI setup
34 window = tk.Tk()
35 window.title("Advanced Weight Converter")
36 window.geometry("400x300")
37 window.config(bg="#f0f4f7")
38 tk.Label(window,text="Weight Converter",font=("Arial",16,"bold"),bg="#f0f4f7").pack(pady=10)
39 frame = tk.Frame(window,bg="#f0f4f7")
40 frame.pack(pady=10)
41 tk.Label(frame,text="Enter weight:",bg="#f0f4f7").grid(row=0,column=0,padx=5,pady=5)
42 entry = tk.Entry(frame,width=20)
43 entry.grid(row=0,column=1,padx=5)
44 tk.Label(frame,text="Frame:",bg="#f0f4f7").grid(row=1,column=0,padx=5,pady=5)
45 combo_from = ttk.Combobox(frame,values=["Kilogram","gram","Miligram","Pound","Tonne"])
46 combo_from.grid(row=1,column=1)
```



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37 window.config(bg="#f0f4f7")
38 tk.Label(window,text="Weight Converter",font=("Arial",16,"bold"),bg="#f0f4f7").pack(pady=10)
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42 entry = tk.Entry(frame,width=20)
43 entry.grid(row=0,column=1,padx=5)
44 tk.Label(frame,text="Frame:",bg="#f0f4f7").grid(row=1,column=0,padx=5,pady=5)
45 combo_from = ttk.Combobox(frame,values=["Kilogram","gram","Miligram","Pound","Tonne"])
46 combo_from.grid(row=1,column=1)
47 combo_from.current(0)
48 tk.Label(frame,text="To:",bg="#f0f4f7").grid(row=2,column=0,padx=5,pady=5)
49 combo_to=ttk.Combobox(frame,values=["Kilogram","Gram","MiligraM","Pound","Tonne"])
50 combo_to.grid(row=2,column=1)
51 combo_to.current(1)
52 tk.Button(window,text="Convert",command=convert,bg="#4caf50",fg="white",width=15).pack(pady=10)
53 label_result=tk.Label(window,text="Result:",font=("Arial",12),bg="#f0f4f7")
54 label_result.pack()
55 window.mainloop()
```


Advanced Weight Converter

Weight Converter

Enter weight:

12

Frame:

Kilogram

To:

Gram

Convert

Result: 12000.000Gram

Converter", font
#f0f4f7")

weight:", bg="#f0
n=20)

adx=5)

, bg="#f0f4f7").

ame, values=["Ki

46 combo_from.grid(row=1, column=1)

47 combo_from.current(0)

Advanced Weight Converter

Weight Converter

Enter weight:

Frame:

To:

- Kilogram
- Gram
- MiligraM**
- Pound
- Tonne

```
16         Kg = weight * 1000
17     else: # Kilogram
18         Kg = weight
19     # Convert from Kilograms to
20     if to_unit == "Gram":
21         result = Kg * 1000
22     elif to_unit == "Miligram":
23         result = Kg * 1_000_000
24     elif to_unit == "Pound":
```