

Nama Kelompok 2:

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```
KALKULATOR SKALA GAMBAR KERJA.py x
1 import tkinter as tk
2 from tkinter import ttk
3
4 usage
5 def tampilkan_input():
6     label_nilai_asli.grid(row=1, column=0, sticky=tk.W, pady=10)
7     entry_nilai_asli.grid(row=1, column=1, pady=10)
8     label_skala_asli.grid(row=2, column=0, sticky=tk.W, pady=10)
9     entry_skala_asli.grid(row=2, column=1, pady=10)
10    label_skala_target.grid(row=3, column=0, sticky=tk.W, pady=10)
11    entry_skala_target.grid(row=3, column=1, pady=10)
12    tombol_hitung.grid(row=4, columnspan=2, pady=20)
13    tombol_mulai.grid_forget()
14
15 usage
16 def hitung_skala():
17     try:
18         nilai_asli = float(entry_nilai_asli.get())
19         skala_asli = float(entry_skala_asli.get())
20         skala_target = float(entry_skala_target.get())
21         hasil = nilai_asli * (skala_target / skala_asli)
22         label_hasil.config(text=f"Ukuran dalam skala target: {hasil:.2f} cm")
23         label_hasil.grid(row=5, columnspan=2, pady=10)
24     except ValueError:
25         label_hasil.config(text="Masukkan nilai numerik yang valid")
```

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24
25 root = tk.Tk()
26 root.title("Kalkulator Skala Gambar Kerja")
27 root.geometry("400x600")
28 root.configure(bg='#8B4513')
29
30 style = ttk.Style()
31 style.configure('TFrame', background='#8B4513')
32 style.configure('TLabel', background='#8B4513', foreground='FFFFFF', font=('Helvetica', 16))
33 style.configure('TEntry', font=('Helvetica', 16))
34 style.configure('TButton', background='#8B0000', foreground='black', font=('Helvetica', 16), padding=10)
35
36 frame_utama = tk.Frame(root, bg='#8B4513')
37 frame_utama.place(relx=0.5, rely=0.5, anchor=tk.CENTER)
38
39 label_judul = tk.Label(frame_utama, text="Kalkulator Skala Gambar Kerja", bg='#8B4513', fg='FFFFFF', font=('Helvetica', 20, 'bold'))
40 label_judul.grid(row=0, columnspan=2, pady=(0, 20))
41
42 label_nilai_asli = ttk.Label(frame_utama, text="Nilai Asli (cm):")
43 entry_nilai_asli = ttk.Entry(frame_utama, width=20)
44 label_skala_asli = ttk.Label(frame_utama, text="Skala Asli:")
45 entry_skala_asli = ttk.Entry(frame_utama, width=20)
46 label_skala_target = ttk.Label(frame_utama, text="Skala Target:")
47 entry_skala_target = ttk.Entry(frame_utama, width=20)
48
```

```
49 tombol_mulai = tk.Button(frame_utama, text="Mulai", command=tampilkan_input, font=('Helvetica', 16), relief='flat', padx=20, pady=10)
50 tombol_hitung = tk.Button(frame_utama, text="Hitung Ukuran Skala", command=hitung_skala, font=('Helvetica', 16), relief='flat', padx=20, pady=10)
51 label_hasil = ttk.Label(frame_utama, text="", background='#8B4513', foreground='FFFFFF', font=('Helvetica', 16))
52
53 tombol_mulai.grid(row=4, colspan=2, pady=20)
54
55
56 root.mainloop()
57 |
```