```
pip install customtkinter


import customtkinter


customtkinter.set_appearance_mode("dark") # Modes: "system", "dark", "light"
customtkinter.set_default_color_theme("dark-blue")  # Themes: "blue", "green", "dark-blue"


app = customtkinter.CTk()
app.geometry("500x350")
app.title("Data visualizer")
app.mainloop() # End of the script
```

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```
frame = customtkinter.CTkFrame(master=root_tk, width=200, height=200)
frame.pack(padx=60, pady=20, fill="both", expand=True)
```

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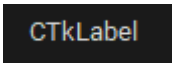
```
label = customtkinter.CTkLabel(app, text="CTkLabel", fg_color="transparent")
label.pack(padx=10, pady=12)
```

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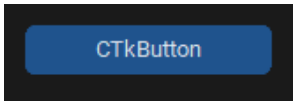
```
def button_event():
   print("button pressed")

button = customtkinter.CTkButton(app, text="CTkButton", command=button_event)
button.pack(padx=10, pady=12)
```

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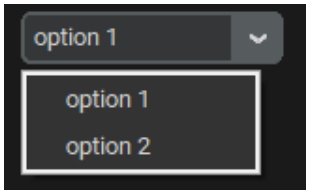
```
def combobox_callback(choice):
   print("combobox dropdown clicked:", choice)

combobox = customtkinter.CTkComboBox(app, val ues=["option 1", "option 2"],command=combobox_callback)
combobox.set("option 1")
combobox.pack(padx=10, pady=12)
```

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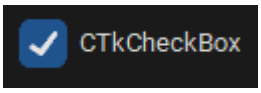
```
def checkbox_event():
print("checkbox toggled, current value:", check_var.get())

check_var = customtkinter.IntVar(value=1)
checkbox = customtkinter.CTkCheckBox(app, text="CTkCheckBox", command=checkbox_event,
                    variable=check_var, onvalue=1, offvalue=2)
checkbox.pack(padx=10, pady=12)
```

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```
entry = customtkinter.CTkEntry(app, placeholder_text="CTkEntry")
entry.pack(padx=10, pady=12)
```

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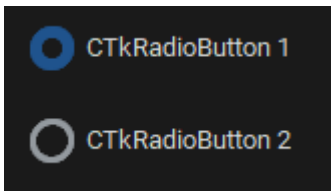
```
progressbar = customtkinter.CTkProgressBar(app, orientation="horizontal")
progressbar.start()
progressbar.stop()
progressbar.pack(padx=10, pady=12)
```

---

```
def radiobutton_event():
    print("radiobutton toggled, current value:", radio_var.get())

radio_var = customtkinter.IntVar(value=0)
radiobutton_1 = customtkinter.CTkRadioButton(app, text="CTkRadioButton 1",
                                             command=radiobutton_event, variable= radio_var, value=1)
radiobutton_2 = customtkinter.CTkRadioButton(app, text="CTkRadioButton 2",
                                             command=radiobutton_event, variable= radio_var, value=2)
radiobutton_1.pack(padx=10, pady=12)
radiobutton_2.pack(padx=10, pady=12)
```

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```
scrollable_frame = customtkinter.CTkScrollableFrame(app, width=200, height=200)
scrollable_frame.pack(padx=10, pady=12)
```

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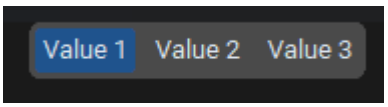
```
def segmented_button_callback(value):
    print("segmented button clicked:", value)

segemented_button_var = customtkinter.StringVar(value="Value 1")
segemented_button = customtkinter.CTkSegmentedButton(app, values=["Value 1", "Value 2", "Value 3"],
                                                     command=segmented_button_callback,
                                                     variable=segemented_button_var)
segemented_button.pack()
```

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```
def slider_event(value):
    print(value)
slider = customtkinter.CTkSlider(app, from_=0, to=100, command=slider_event)
slider.pack(padx=10, pady=12)
```

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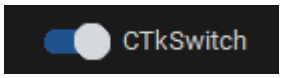
```
def switch_event():
    print("switch toggled, current value:", switch_var.get())
```




```
switch_var = customtkinter.StringVar(value="on")
switch = customtkinter.CTkSwitch(app, text="CTkSwitch", command=switch_event,
                                 variable=switch_var, onvalue="on", offvalue="off")
switch.pack(padx=10, pady=12)
```

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```
tabview = customtkinter.CTkTabview(master=app)
tabview.pack(padx=20, pady=20)
tabview.add("tab 1")  # add tab at the end
tabview.add("tab 2")  # add tab at the end
tabview.set("tab 2")  # set currently visible tab
button = customtkinter.CTkButton(master=tabview.tab("tab 1"))
button.pack(padx=20, pady=20)
```