# Electricity bill generator program

import tkinter as tk

# Function to calculate electricity bill amount

def calculate\_bill():

# Get the number of units consumed and rate per unit from the input fields

units\_consumed = float(units\_entry.get())

rate\_per\_unit = float(rate\_entry.get())

# Calculate the bill amount

bill\_amount = units\_consumed \* rate\_per\_unit

# Display the bill amount in the label

bill\_label.config(text=f"Bill amount: {bill\_amount:.2f}")

# Create the main window

root = tk.Tk()

# Create the input fields and labels

units\_label = tk.Label(root, text="Number of units consumed:")

units\_entry = tk.Entry(root)

rate\_label = tk.Label(root, text="Rate per unit:")

rate\_entry = tk.Entry(root)

# Create the calculate button

calculate\_button = tk.Button(root, text="Calculate Bill", command=calculate\_bill)

# Create the bill label

bill\_label = tk.Label(root, text="")

# Pack the widgets

units\_label.pack()

units\_entry.pack()

rate\_label.pack()

rate\_entry.pack()

calculate\_button.pack()

bill\_label.pack()

# Run the main loop

root.mainloop()