import tkinter as tk

# Main GUI

root = tk.Tk()

root.title("Jarvis")

root.config(bg="#1e1e1e")

# Mode variable

mode = tk.StringVar(value="Friendly")

def get\_response(user\_input):

    user\_input = user\_input.lower()

    current\_mode = mode.get()

    if current\_mode == "Friendly":

        if "hello" in user\_input or "hi" in user\_input:

            return "Hey there, sunshine! What can I do for you today?"

        elif "how are you javris" in user\_input:

            return "Feeling electric and ready to go!"

        elif "what up" in user\_input:

            return "All circuits clear, captain!"

        elif "what is my today schedule" in user\_input:

            return "Hmm, I dont see anything listed. Want me to add something?"

        elif "today was a busy day" in user\_input:

            return "Take a breather, you earned it!"

        elif "bye" in user\_input:

            return "Catch you later, superstar!"

        else:

            return "Oops! I didn't quite catch that. Could you say it another way?"

    elif current\_mode == "Formal":

        if "hello" in user\_input or "hi" in user\_input:

            return "Good day. How may I assist you?"

        elif "how are you javris" in user\_input:

            return "I'm operating optimally. Thank you."

        elif "what up" in user\_input:

            return "All systems are functioning well."

        elif "what is my today schedule" in user\_input:

            return "Your schedule has not been defined. Shall I assist in creating one?"

        elif "today was a busy day" in user\_input:

            return "I hope the day was productive and fulfilling."

        elif "bye" in user\_input:

            return "Farewell. Wishing you a pleasant day ahead."

        else:

            return "Apologies. I did not understand your request."

    elif current\_mode == "Casual":

        if "hello" in user\_input or "hi" in user\_input:

            return "Yo! What's up?"

        elif "how are you javris" in user\_input:

            return "Chill, like always!"

        elif "what up" in user\_input:

            return "You know, just doing my AI thing!"

        elif "what is my today schedule" in user\_input:

            return "No clue! Want me to make one for ya?"

        elif "today was a busy day" in user\_input:

            return "Dude, I feel ya. Hope it wasn’t too crazy."

        elif "bye" in user\_input:

            return "Peace out!"

        else:

            return "Hmm... didn't get that. Mind rephrasing?"

def send\_message():

    try:

        user\_input = user\_entry.get()

        chat\_log.config(state=tk.NORMAL)

        chat\_log.insert(tk.END, "Poonam: " + user\_input + "\n")

        response = get\_response(user\_input)

        chat\_log.insert(tk.END, "Jarvis: " + response + "\n\n")

        chat\_log.config(state=tk.DISABLED)

        chat\_log.yview(tk.END)  # Auto-scroll

        user\_entry.delete(0, tk.END)

    except Exception as e:

        print("Error:", e)

# Mode selection dropdown

mode\_label = tk.Label(root, text="Select Mode:", bg="#1e1e1e", fg="#39ff14", font=("Consolas", 10))

mode\_label.pack(pady=(10, 0))

mode\_dropdown = tk.OptionMenu(root, mode, "Friendly", "Formal", "Casual")

mode\_dropdown.config(bg="#2e2e2e", fg="#39ff14", font=("Consolas", 10), highlightbackground="#39ff14")

mode\_dropdown.pack(pady=(0, 10))

# log

chat\_log = tk.Text(root, state=tk.DISABLED, width=60, height=20,

                   bg="#1e1e1e", fg="#39ff14", font=("Consolas", 11),

                   insertbackground="#39ff14", wrap=tk.WORD)

chat\_log.pack(padx=10, pady=10)

# Entry

user\_entry = tk.Entry(root, width=50, bg="#2e2e2e", fg="#39ff14",

                      insertbackground="#39ff14", font=("Consolas", 11))

user\_entry.pack(padx=10, pady=(0, 10))

# Send button

send\_button = tk.Button(root, text="Send", command=send\_message,

                        bg="#39ff14", fg="#1e1e1e", font=("Consolas", 10, "bold"),

                        activebackground="#2e2e2e", activeforeground="#39ff14")

send\_button.pack(pady=(0, 10))

# Pressing Enter sends message

user\_entry.bind("<Return>", lambda event: send\_message())

# Launch GUI

root.mainloop()