import nltk

import numpy as np

import random

import string # to process standard python strings

import tkinter

from tkinter import \*

Introduce\_Ans = ["My name is MEDBot.","My name is MEDBot you can called me pi.","Im MEDBot :) ","My name is MEDBot. "]

GREETING\_INPUTS = ("hello", "hi","hiii","hii","hiiii","hiiii", "greetings", "sup", "what's up","hey",)

GREETING\_RESPONSES = ["hi", "hey", "hii there", "hi there", "hello", "I am glad! You are talking to me"]

FLU\_INPUTS=("flusymptoms","flucause")

FLU\_RESPONSES=["running fever","dizziness","nose","muscle aches"," cough", "congestion runny nose", "headaches and fatigue."]

COV\_INPUTS=("covidsymptoms","covcause")

COV\_RESPONSES=["People may be sick with the virus for 1 to 14 days before developing symptoms.","he most common symptoms of coronavirus disease (COVID-19) are fever, tiredness", " dry cough."]

COL\_INPUTS=("coldsymptoms","colcause")

COL\_RESPONSES=["running fever","dizziness","Symptoms include a runny nose sneezing and congestion or High fever."]

PNE\_INPUTS=("pneunomiasymptoms","pnecause")

PNE\_RESPONSES=["Symptoms include a cough with phlegm or pus and chills", "difficulty in breathing."]

def response(sentence):

for word in sentence.split():

if word.lower() in GREETING\_INPUTS:

return random.choice(GREETING\_RESPONSES)

elif word.lower() in FLU\_INPUTS:

return random.choice(FLU\_RESPONSES)

elif word.lower() in COV\_INPUTS :

return random.choice(COV\_RESPONSES)

elif word.lower() in COL\_INPUTS :

return random.choice(COL\_RESPONSES)

elif word.lower() in PNE\_INPUTS :

return random.choice(PNE\_RESPONSES)

else:

return random.choice(Introduce\_Ans)

def send():

msg = EntryBox.get("1.0",'end-1c').strip()

EntryBox.delete("0.0",END)

if msg != '':

ChatLog.config(state=NORMAL)

ChatLog.insert(END, "You: " + msg + '\n\n')

ChatLog.config(foreground="#442265", font=("Verdana", 12 ))

res = response(msg)

ChatLog.insert(END, "Bot: " + res + '\n\n')

ChatLog.config(state=DISABLED)

ChatLog.yview(END)

base = Tk()

base.title("Hello")

base.geometry("400x500")

base.resizable(width=FALSE, height=FALSE)

#Create Chat window

ChatLog = Text(base, bd=0, bg="white", height="8", width="50", font="Arial",)

ChatLog.config(state=DISABLED)

#Bind scrollbar to Chat window

scrollbar = Scrollbar(base, command=ChatLog.yview, cursor="heart")

ChatLog['yscrollcommand'] = scrollbar.set

#Create Button to send message

SendButton = Button(base, font=("Verdana",12,'bold'), text="Send", width="12", height=5,

bd=0, bg="#32de97", activebackground="#3c9d9b",fg='#ffffff',

command= send )

#Create the box to enter message

EntryBox = Text(base, bd=0, bg="white",width="29", height="5", font="Arial")

#EntryBox.bind("<Return>", send)

#Place all components on the screen

scrollbar.place(x=376,y=6, height=386)

ChatLog.place(x=6,y=6, height=386, width=370)

EntryBox.place(x=128, y=401, height=90, width=265)

SendButton.place(x=6, y=401, height=90)

base.mainloop()