from googletrans import Translator

# Hardcoded dataset for translation

translations = {

"hello": {"fr": "bonjour", "es": "hola", "de": "hallo", "it": "ciao", "ja": "こんにちは", "zh-CN": "你好"},

"how are you": {"fr": "comment ça va", "es": "cómo estás", "de": "wie geht es dir", "it": "come stai", "ja": "元気ですか", "zh-CN": "你好吗"},

"goodbye": {"fr": "au revoir", "es": "adiós", "de": "auf Wiedersehen", "it": "arrivederci", "ja": "さようなら", "zh-CN": "再见"},

"thank you": {"fr": "merci", "es": "gracias", "de": "danke", "it": "grazie", "ja": "ありがとうございます", "zh-CN": "谢谢"},

"yes": {"fr": "oui", "es": "sí", "de": "ja", "it": "sì", "ja": "はい", "zh-CN": "是的"},

"no": {"fr": "non", "es": "no", "de": "nein", "it": "no", "ja": "いいえ", "zh-CN": "不"},

"please": {"fr": "s'il vous plaît", "es": "por favor", "de": "bitte", "it": "per favore", "ja": "お願いします", "zh-CN": "请"},

"thank you very much": {"fr": "merci beaucoup", "es": "muchas gracias", "de": "vielen Dank", "it": "molte grazie", "ja": "どうもありがとうございました", "zh-CN": "非常感谢"},

"excuse me": {"fr": "excusez-moi", "es": "disculpe", "de": "entschuldigung", "it": "scusate", "ja": "すみません", "zh-CN": "对不起"},

"I'm sorry": {"fr": "je suis désolé", "es": "lo siento", "de": "es tut mir leid", "it": "mi dispiace", "ja": "ごめんなさい", "zh-CN": "对不起"},

"I don't understand": {"fr": "je ne comprends pas", "es": "no entiendo", "de": "ich verstehe nicht", "it": "non capisco", "ja": "わかりません", "zh-CN": "我不懂"},

"please speak more slowly": {"fr": "parlez plus lentement s'il vous plaît", "es": "por favor, hable más despacio", "de": "bitte sprechen Sie langsamer", "it": "per favore, parla più lentamente", "ja": "もっとゆっくり話してください", "zh-CN": "请说慢一点"},

"What is your name?": {"fr": "comment vous appelez-vous ?", "es": "¿cómo te llamas?", "de": "wie heißt du?", "it": "come ti chiami?", "ja": "あなたのお名前は何ですか？", "zh-CN": "你叫什么名字？"},

"My name is...": {"fr": "je m'appelle...", "es": "mi nombre es...", "de": "ich heiße...", "it": "mi chiamo...", "ja": "私の名前は...", "zh-CN": "我叫..."},

"Where are you from?": {"fr": "d'où venez-vous ?", "es": "¿de dónde eres?", "de": "woher kommst du?", "it": "di dove sei?", "ja": "あなたはどこから来ましたか？", "zh-CN": "你从哪里来？"},

"I am from...": {"fr": "je viens de...", "es": "soy de...", "de": "ich komme aus...", "it": "vengo da...", "ja": "私は...から来ました", "zh-CN": "我来自..."},

"How old are you?": {"fr": "quel âge avez-vous ?", "es": "¿cuántos años tienes?", "de": "wie alt bist du?", "it": "quanti anni hai?", "ja": "何歳ですか？", "zh-CN": "你几岁？"},

"I am... years old": {"fr": "j'ai ... ans", "es": "tengo ... años", "de": "ich bin ... jahre alt", "it": "ho ... anni", "ja": "私は...歳です", "zh-CN": "我...岁"},

"Where do you live?": {"fr": "où habitez-vous ?", "es": "¿dónde vives?", "de": "wo wohnst du?", "it": "dove vivi?", "ja": "どこに住んでいますか？", "zh-CN": "你住在哪里？"},

"I live in...": {"fr": "j'habite à...", "es": "vivo en...", "de": "ich lebe in...", "it": "vivo a...", "ja": "私は...に住んでいます", "zh-CN": "我住在..."},

"What do you do?": {"fr": "que faites-vous dans la vie ?", "es": "¿a qué te dedicas?", "de": "was machst du beruflich?", "it": "che lavoro fai?", "ja": "何をしていますか？", "zh-CN": "你做什么工作？"},

"I am a...": {"fr": "je suis...", "es": "soy...", "de": "ich bin...", "it": "sono un...", "ja": "私は...です", "zh-CN": "我是一个..."},

"Do you speak English?": {"fr": "parlez-vous anglais ?", "es": "¿hablas inglés?", "de": "sprechen Sie Englisch?", "it": "parli inglese?", "ja": "英語を話せますか？", "zh-CN": "你会说英语吗？"},

"Yes, I speak English": {"fr": "oui, je parle anglais", "es": "sí, hablo inglés", "de": "ja, ich spreche Englisch", "it": "sì, parlo inglese", "ja": "はい、英語を話します", "zh-CN": "是的，我会说英语"},

"No, I don't speak English": {"fr": "non, je ne parle pas anglais", "es": "no, no hablo inglés", "de": "nein, ich spreche kein Englisch", "it": "no, non parlo inglese", "ja": "いいえ、英語は話しません", "zh-CN": "不，我不会说英语"},

"I don't know": {"fr": "je ne sais pas", "es": "no lo sé", "de": "ich weiß es nicht", "it": "non lo so", "ja": "わかりません", "zh-CN": "我不知道"},

"Can you help me?": {"fr": "pouvez-vous m'aider ?", "es": "¿puedes ayudarme?", "de": "können Sie mir helfen?", "it": "puoi aiutarmi?", "ja": "助けてもらえますか？", "zh-CN": "你能帮我吗？"},

"Yes, of course": {"fr": "oui, bien sûr", "es": "sí, por supuesto", "de": "ja, natürlich", "it": "sì, certo", "ja": "はい、もちろん", "zh-CN": "是的，当然"},

"No, sorry": {"fr": "non, désolé", "es": "no, lo siento", "de": "nein, tut mir leid", "it": "no, mi dispiace", "ja": "いいえ、ごめんなさい", "zh-CN": "不，对不起"},

"What time is it?": {"fr": "quelle heure est-il ?", "es": "¿qué hora es?", "de": "wie spät ist es?", "it": "che ora è?", "ja": "何時ですか？", "zh-CN": "现在几点了？"},

"It is... o'clock": {"fr": "il est... heures", "es": "son las... horas", "de": "es ist... Uhr", "it": "sono le... ore", "ja": "...時です", "zh-CN": "现在...点"},

"How much is it?": {"fr": "combien ça coûte ?", "es": "¿cuánto cuesta?", "de": "wie viel kostet es?", "it": "quanto costa?", "ja": "いくらですか？", "zh-CN": "多少钱？"},

"It is... dollars": {"fr": "c'est... dollars", "es": "es... dólares", "de": "es kostet... Dollar", "it": "sono... dollari", "ja": "...ドルです", "zh-CN": "是...美元"},

"Where is the restroom?": {"fr": "où sont les toilettes ?", "es": "¿dónde está el baño?", "de": "wo ist die Toilette?", "it": "dov'è il bagno?", "ja": "トイレはどこですか？", "zh-CN": "洗手间在哪里？"},

"Please wait": {"fr": "veuillez patienter", "es": "por favor, espere", "de": "bitte warten", "it": "per favore, aspetta", "ja": "お待ちください", "zh-CN": "请稍等"},

"I don't know": {"fr": "je ne sais pas", "es": "no lo sé", "de": "ich weiß es nicht", "it": "non lo so", "ja": "わかりません", "zh-CN": "我不知道"}

}

def translate\_text(text, target\_language='en'):

# Check if the text is in the hardcoded dataset

if text.lower() in translations:

if target\_language in translations[text.lower()]:

return translations[text.lower()][target\_language]

# If not found, use Google Translate API

translator = Translator()

translated\_text = translator.translate(text, dest=target\_language)

return translated\_text.text

def main():

print("Welcome to Language Translator Chatbot!")

print("Enter text to translate or type 'exit' to quit.")

while True:

text = input("Enter text to translate: ")

if text.lower() == 'exit':

print("Goodbye!")

break

target\_language = input("Enter target language (e.g., 'fr' for French): ")

translated\_text = translate\_text(text, target\_language)

print(f"Translated text: {translated\_text}")

if \_\_name\_\_ == "\_\_main\_\_":

main()

OUTPUT:

