import speech\_recognition as sr

import pyttsx3

recognizer = sr.Recognizer()

engine = pyttsx3.init()

def speak(text):

engine.say(text)

engine.runAndWait()

def listen():

with sr.Microphone() as source:

print("Listening...")

recognizer.adjust\_for\_ambient\_noise(source)

audio = recognizer.listen(source)

try:

print("Recognizing...")

query = recognizer.recognize\_google(audio)

print(f"You said: {query}")

return query

except sr.UnknownValueError:

print("Sorry, I didn't get that.")

return ""

except sr.RequestError as e:

print(f"Sorry, an error occurred: {e}")

return ""

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

speak("Hey Google! how are you doing?")

while True:

query = listen().lower()

if "play some music" in query or "songs" in query:

speak("Which type of songs do you want to listen?")

query = listen().lower()

if "upbeat" in query or "energetic" in query:

speak("How about some pop or energetic dance music? I can queue up a playlist with artists like Devi Sri Prasad, Thaman, etc.")

speak("Enjoy your music.")

else:

speak("Sorry, I'm not sure how to help with that.")

elif "increase volume" in query:

speak("Sure. Enjoy the music. Just let me know if you need to change the music or playlist at any point.")

elif "sounds good" in query:

speak("Great! Let me know if you need anything else.")

elif "goodbye" in query or "bye" in query:

speak("Goodbye! Have a great day!")

break

else:

speak("Sorry, I'm not sure how to help with that.")