import speech\_recognition as sr  
import pyttsx3  
import datetime  
import pywhatkit  
import wikipedia  
  
listener = sr.Recognizer()  
assistant = pyttsx3.init()  
  
voices = assistant.getProperty('voices')  
assistant.setProperty('voice', voices[1].id)  
  
  
def talk(text):  
 assistant.say(text)  
 assistant.runAndWait()  
  
  
def take\_command():  
 try:  
 with sr.Microphone() as source:  
 print('Sir,I am hearing you,please tell me how can I help you?')  
 voice = listener.listen(source)  
 command = listener.recognize\_google(voice)  
 command = command.lower()  
 if 'assistant' in command:  
 command = command.replace('assistant', '')  
 except:  
 pass  
 return command  
  
  
def run\_assistant():  
 command = take\_command()  
  
 if 'time' in command:  
 time = datetime.datetime.now().strftime('%I:%M %p')  
 print('Sir, Current time is ' + time)  
 talk('Sir, Current time is ' + time)  
 elif 'play' in command:  
 song = command.replace('play', '')  
 talk('playing ' + song)  
 pywhatkit.playonyt(song)  
 elif 'tell me about' in command:  
 wiki = command.replace('tell me about', '')  
 info = wikipedia.summary(wiki, 2)  
 print(info)  
 talk(info)  
 else:  
 talk('Sorry sir, I did not get your question, I can search it from google')  
 pywhatkit.search(command)  
  
  
run\_assistant()