import speech\_recognition as sr  
import pyttsx3  
import pywhatkit  
import datetime  
import wikipedia  
import pyjokes  
  
  
listener = sr.Recognizer()  
engine = pyttsx3.init()  
voices = engine.getProperty('voices')  
engine.setProperty('voice', voices[1].id)  
  
def talk (text):  
 engine.say(text)  
 engine.runAndWait()  
  
  
def take\_command():  
 try:  
 with sr.Microphone() as source:  
 print('listening...')  
 voice = listener.listen(source)  
 command = listener.recognize\_google(voice)  
 command = command.lower()  
 if 'happy' in command:  
 command = command.replace('happy', '')  
 print(command)  
 except:  
 pass  
 return command  
  
def run\_happy():  
 command = take\_command()  
 print(command)  
 if 'play' in command:  
 song = command.replace('play', '')  
 talk('playing ' + song)  
 pywhatkit.playonyt(song)  
 elif 'time' in command:  
 time = datetime.datetime.now().strftime('%I:%M %p')  
 print(time)  
 talk('the clock time is' + time)  
 elif 'happy,what is' in command:  
 item = command.replace('happy, what is', '')  
 info = wikipedia.summary(item, 1)  
 print(info)  
 talk(info)  
 elif 'can we go for a date' in command:  
 talk('i am sorry, i do not have fare, please send me five hundred kenyan shilling, for fare')  
  
 elif 'what are we having for dinner' in command:  
 talk('hurray, you having corn ugali ,beef, and some greens')  
  
 elif 'are you single ' in command:  
 talk('i am sorry to say no, i am in a relationship with collins ')  
  
 elif 'joke' in command:  
 talk(pyjokes.get\_joke())  
  
 else:  
 talk('Please say the command again ')  
  
run\_happy()