**import** random  
**import** datetime  
**import** webbrowser  
**import** pyttsx3  
**import** wikipedia  
**from** pygame **import** mixer  
**import** speech\_recognition **as** sr  
**"""from speech\_recognition.\_\_main\_\_ import r, audio"""**engine = pyttsx3.init()  
en\_voice\_id = **"HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Speech\Voices\Tokens\TTS\_MS\_EN-US\_DAVID\_11.0"**voices = engine.getProperty(**'voices'**)  
engine.setProperty(**'voice'**, en\_voice\_id)  
volume = engine.getProperty(**'volume'**)  
engine.setProperty(**'volume'**, 1.0)  
rate = engine.getProperty(**'rate'**)  
engine.setProperty(**'rate'**, 150)  
  
greetings = [**'hey there'**, **'hello'**, **'hi'**, **'hai'**, **'hey!'**, **'hey'**,**'good morning'**,**'hii'**]  
question = [**'how are you'**, **'how are you doing'**]  
responses = [**'Okay'**, **"I'm fine"**]  
var5 = [**'what can you do for me'**,**'what can you do'**,**'what will you do'**]  
var1 = [**'who made you'**, **'who created you'**]  
var2 = [**'I was created by my team seems like i am their project'**, **'my team'**]  
var3 = [**'what time is it'**, **'what is the time'**, **'time'**]  
var4 = [**'who are you'**, **'what is your name'**]  
var6 = [**'I want to go shopping'**,**'I need a dress'**,**'I want a new dress'**]  
cmd1 = [**'open browser'**, **'open Google'**,**'open the default browser'**]  
cmd2 = [**'play music'**, **'play songs'**, **'play a song'**, **'open music player'**]  
cmd3 = [**'tell a joke'**, **'tell me a joke'**, **'say something funny'**, **'tell something funny'**]  
jokes = [**'Can a kangaroo jump higher than a house? Of course, a house doesn’t jump at all.'**, **'My dog used to chase people on a bike a lot. It got so bad, finally I had to take his bike away.'**, **'Doctor: Im sorry but you suffer from a terminal illness and have only 10 to live.Patient: What do you mean, 10? 10 what? Months? Weeks?!"Doctor: Nine.'**]  
cmd4 = [**'open youtube'**, **'i want to watch a video'**]  
cmd5 = [**'how is the weather today '**, **'weather'**, **'what about the weather'**]  
cmd6 = [**'exit'**, **'close'**, **'goodbye'**, **'nothing'**]  
cmd7 = [**'what is your color'**, **'what is your colour'**, **'your color'**, **'your color?'**]  
colrep = [**'Right now its rainbow'**, **'Right now its transparent'**, **'Right now its non chromatic'**]  
cmd8 = [**'what is you favourite colour'**, **'what is your favourite color'**]  
cmd9 = [**'thank you'**]  
repfr9 = [**'youre welcome'**, **'glad i could help you'**]  
  
**while True**:  
 now = datetime.datetime.now()  
 r = sr.Recognizer()  
 **with** sr.Microphone() **as** source:  
 engine.say(**'am ready say something'**)  
 engine.runAndWait()  
 print(**"Tell me something:"**)  
 audio = r.listen(source)  
 print(type(audio))  
 **try**:  
 print(**"You said:- "** + r.recognize\_google(audio))  
 **except** sr.UnknownValueError:  
 print(**"Could not understand audio"**)  
 engine.say(**'I didnt get that. Rerun the code'**)  
 engine.runAndWait()  
  
 **if** r.recognize\_google(audio) **in** greetings:  
 random\_greeting = random.choice(greetings)  
 print(random\_greeting)  
 engine.say(random\_greeting)  
 engine.runAndWait()  
 **elif** r.recognize\_google(audio) **in** question:  
 engine.say(**'I am fine . Getting to know more people'**)  
 engine.runAndWait()  
 print(**'I am fine'**)  
 **elif** r.recognize\_google(audio) **in** var5:  
 engine.say(**'anything you ask for, which doesnt involve me physically ,you know right! am just an ai bot'**)  
 engine.runAndWait()  
 print(**'i am helpful ,just give it a try.'**)  
 **elif** r.recognize\_google(audio) **in** var1:  
 engine.say(**'I was made by my team . it Seems like i am their project.'**)  
 engine.runAndWait()  
 reply = random.choice(var2)  
 print(reply)  
 **elif** r.recognize\_google(audio) **in** cmd9:  
 print(random.choice(repfr9))  
 engine.say(random.choice(repfr9))  
 engine.runAndWait()  
 **elif** r.recognize\_google(audio) **in** cmd7:  
 print(random.choice(colrep))  
 engine.say(random.choice(colrep))  
 engine.runAndWait()  
 print(**'It keeps changing every micro second'**)  
 engine.say(**'It keeps changing every micro second'**)  
 engine.runAndWait()  
 **elif** r.recognize\_google(audio) **in** cmd8:  
 print(random.choice(colrep))  
 engine.say(random.choice(colrep))  
 engine.runAndWait()  
 print(**'It keeps changing every micro second'**)  
 engine.say(**'It keeps changing every micro second'**)  
 engine.runAndWait()  
 **elif** r.recognize\_google(audio) **in** cmd2:  
 mixer.music.load(**"song.wav"**)  
 mixer.music.play()  
 **elif** r.recognize\_google(audio) **in** var4:  
 engine.say(**'I am a bot, silly! yeah but i got a name,it is chris '**)  
 print(**'ai assistant but the name is chris'**)  
 engine.runAndWait()  
 **elif** r.recognize\_google(audio) **in** var6:  
 engine.say(**'i know what to do'**)  
 webbrowser.open(**'www.myntra.com'**)  
 **elif** r.recognize\_google(audio) **in** cmd4:  
 engine.say(**'as requested.'**)  
 webbrowser.open(**'www.youtube.com'**)  
 **elif** r.recognize\_google(audio) **in** cmd6:  
 print(**'see you later'**)  
 engine.say(**'see you later, have a nice day.'**)  
 engine.runAndWait()  
 exit()  
 **elif** r.recognize\_google(audio) **in** cmd5:  
 owm = pyowm.OWM(**'YOUR\_API\_KEY'**)  
 observation = owm.weather\_at\_place(**'Bangalore, IN'**)  
 observation\_list = owm.weather\_around\_coords(12.972442, 77.580643)  
 w = observation.get\_weather()  
 w.get\_wind()  
 w.get\_humidity()  
 w.get\_temperature(**'celsius'**)  
 print(w)  
 print(w.get\_wind())  
 print(w.get\_humidity())  
 print(w.get\_temperature(**'celsius'**))  
 engine.say(w.get\_wind())  
 engine.runAndWait()  
 engine.say(**'humidity'**)  
 engine.runAndWait()  
 engine.say(w.get\_humidity())  
 engine.runAndWait()  
 engine.say(**'temperature'**)  
 engine.runAndWait()  
 engine.say(w.get\_temperature(**'celsius'**))  
 engine.runAndWait()  
 **elif** r.recognize\_google(audio) **in** var3:  
  
 print(**"Current date and time : "**)  
 print(now.strftime(**"The time is %H:%M"**))  
 engine.say(now.strftime(**"The time is %H:%M"**))  
 engine.runAndWait()  
 **elif** r.recognize\_google(audio) **in** cmd1:  
 engine.say(**'know what you want and come back soon i will be waiting '**)  
 engine.runAndWait()  
 webbrowser.open(**'www.google.com'**)  
 **elif** r.recognize\_google(audio) **in** cmd3:  
 jokrep = random.choice(jokes)  
 engine.say(jokrep)  
 engine.runAndWait()  
 **else**:  
 engine.say(**"please wait"**)  
 engine.runAndWait()  
 print(wikipedia.summary(r.recognize\_google(audio)))  
 engine.say(wikipedia.summary(r.recognize\_google(audio)))  
 engine.runAndWait()  
 userInput3 = input(**"or else search in google"**)  
 webbrowser.open\_new(**'www.google.com/search?q='** + userInput3)