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In [22]: import os
import pytsx3 #which convert text to speech
import datetime
import speech_recognition as sr
import wikipedia
import webbrowser
import smtplib
```

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In [23]: iorona = pytsx3.init('sapi5')
voices = iorona.getProperty('voices')
iorona.setProperty('voice', voices[1].id)
```

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In [24]: def speak(audio):
        iorona.say(audio)
        iorona.runAndWait()

def startingMessage():
    hour = int(datetime.datetime.now().hour)
    if hour>=0 and hour<12:
        speak("Good Morning Sir!")
    elif hour>=12 and hour<18:
        speak("Good Afternoon Sir!")
    else:
        speak("Good Evening Sir!")

    speak("I am Iorona Sir, Your Personal Assistant, Tell me how can i help yo
u")

def Command():
    r = sr.Recognizer()
    with sr.Microphone() as source:
        print("Listening.....")
        r.pause_threshold = 1
        audio = r.listen(source)

    try:
        print("Recognizing...")
        query = r.recognize_google(audio, language = "en-in")
        print(f"you said {query} sir")

    except Exception as e:
        print("Say that again please sir...")
        return "None"
    return query

def sendEmail(to, content):
    server= smtplib.SMTP('SMTP.gmail.com', 587)
    server.ehlo()
    server.starttls()
    server.login("karan@gmail.com", "")
    server.sendmail("riya@gmail.com", to, content)
    server.close()
```

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In [25]: startingMessage()
while True:
    query = Command().lower()
    if 'wikipedia' in query:
        speak('Searching Wikipedia Sir')
        query = query.replace("wikipedia", " ")
        results = wikipedia.summary(query, sentences = 2)
        speak("According to Wikipedia Sir")
        print(results)
        speak(results)
    elif 'open chrome' in query:
        speak('Opening chrome for you sir')
        os.system("chrome")
    elif 'visula studio code' in query:
        speak('Opening code for you sir')
        os.system('code')
    elif 'media player' in query:
        os.system("wmplayer")
    elif 'google' in query:
        webbrowser.open("google.com")
    elif 'youtube' in query:
        webbrowser.open("youtube.com")
    elif 'stackoverflow' in query:
        webbrowser.open("https://stackoverflow.com/")
    elif 'exit' in query:
        break
    elif 'send email' in query:
        try:
            speak("What should I say")
            content= takeCommand()
            to = ""
            sendEmail(to, content)
            speak("Email has been sent")

        except Exception as e:
            speak("Sorry sir! I am unable to send this email")
```

Listening.....
Recognizing...
you said open YouTube Hai Rona sir
Listening.....
Recognizing...
you said se YouTube par Jo paneer in our browsing it is opening by default setting is to Internet Explorer that's why it is opening in internet explorer sir
Listening.....
Recognizing...
you said open Google for me sir
Listening.....
Recognizing...
you said open Google open stackoverflow for me sir
Listening.....
Recognizing...
Say that again please sir...
Listening.....
Recognizing...
you said open stack overflow funny sir
Listening.....

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KeyboardInterrupt                                Traceback (most recent call last)
<ipython-input-25-73611b626e25> in <module>
      1 startingMessage()
      2 while True:
----> 3     query = Command().lower()
      4     if 'wikipedia' in query:
      5         speak('Searching Wikipedia Sir')

<ipython-input-24-55c6c7dbb22d> in Command()
     19     print("Listening....")
     20     r.pause_threshold = 1
--> 21     audio = r.listen(source)
     22
     23     try:

~\anaconda3\lib\site-packages\speech_recognition\__init__.py in listen(self,
source, timeout, phrase_time_limit, snowboy_configuration)
     650         break
     651
--> 652         buffer = source.stream.read(source.CHUNK)
     653         if len(buffer) == 0: break # reached end of the stre
am
     654         frames.append(buffer)

~\anaconda3\lib\site-packages\speech_recognition\__init__.py in read(self, si
ze)
     159
     160     def read(self, size):
--> 161     return self.pyaudio_stream.read(size, exception_on_overfl
ow=False)
     162
     163     def close(self):

~\anaconda3\lib\site-packages\pyaudio.py in read(self, num_frames, exception_
on_overflow)
     606         paCanNotReadFromAnOutputOnlyStream)
     607
--> 608     return pa.read_stream(self._stream, num_frames, exception_on_
overflow)
     609
     610     def get_read_available(self):

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KeyboardInterrupt:

In []: