```
import speech_recognition as sr
import pyttsx3
import pywhatkit
import datetime
import wikipedia
import pyjokes
from  googlesearch import search
import JarvisAI
import os
import re
import pprint
import random
import python_weather
import webbrowser



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)
            print(command)


    except:
        pass
    return command
#everything is working till here
def run_Jarvis():
    command = take_command()\


    audio = listener.listen(source=source)
    #locate = Source.mic_input(0)
    webbrowser.open("https://google.com/?#q=" + audio)


    if "image| images| Image" in audio:
        audio = "01 Desi Kalakaar.mp3"
        run_Jarvis.play(audio)



        if "image | images" in comman:
```

```
    search = command.googlesearch()
    print(search)

if 'play' in command:
    song = command.replace("play", "")
    talk('playing' + song)
    pywhatkit.playonyt(song)

if "time" in command:
    time = datetime.datetime.now().strftime("%I    %M    %S    %p")
    talk("current time is" + time)
    print(time)

if  "who is | who was" in command:
    person = command.replace("who,what,why", "")
    info = wikipedia.summary(person, 5)
    print(info)
    talk(info)

if "what is" in command:
    thing = command.replace("what, who, why", "")
    info = wikipedia.summary(thing, 2)
    print(info)
    talk(info)

if "joke | jokes | Jokes | Joke" in command:
    talk(pyjokes.get_joke())
```

```
    print(pyjokes.get_joke())


#line 35


'if  "setup|set up|Setup|Set up" in command:
    setup = obj.setup()
    print(setup)


#line 39


if "google photos|photos from net | photos from internet" in command:
    photos = re.show_google_photos()
    print(photos)




#line 43


if "local photos| photos from computer | my photos" in command:
    photos = obj.show_me_my_images()
    print(photos)


#line 47


#EXTRA
weather = await_client.find("PRAYAGRAJ")
print(weather.current.temperature)
```

```
t2s(weather.current.temperature)


if "weather|temperature|tapman " in command:
    city = res.split(' ')[-1]
    weather = googlesearch.weather(city=city)
    print(weather)
    t2s(weather)


#line 53


elif re.search('news', res):
    news_res = obj.news()
    pprint.pprint(news_res)
    t2s(f"I have found {len(news_res)} news. You can read it. Let me tell you first 2 of them")
    t2s(news_res[0])
    t2s(news_res[1])


#line 60


elif re.search('tell me about', res):
    topic = res[14:]
    wiki_res = obj.tell_me(topic, sentences=1)
    print(wiki_res)
    t2s(wiki_res)


#line 66
```

```
    elif re.search('date', res):
        date = obj.tell_me_date()
        print(date)
        print(t2s(date))

    #line 71

    elif re.search('time', res):
        time = obj.tell_me_time()
        print(time)
        t2s(time)

    #line 76

    elif re.search('open', res):
        domain = res.split(' ')[-1]
        open_result = obj.website_opener(domain)
        print(open_result)

    #line 81

        if re.search('launch', res):
            dict_app = {
                'chrome': 'C:\Program Files (x86)\Google\Chrome\Application\chrome.exe',
                'epic games': 'C:\Program Files (x86)\Epic
Games\Launcher\Portal\Binaries\Win32\EpicGamesLauncher.exe'
            }
```

```
#line 87 [part of launching apps; location]


app = res.split(' ', 1)[1]
path = dict_app.get(app)
if path is None:
    t2s('Application path not found')
    print('Application path not found')
else:
    t2s('Launching: ' + app)
    obj.launch_any_app(path_of_app=path)


#line 96


if re.search('hello|hi', res):
    print('Hi')
    t2s('Hi')


#line 100


elif re.search('how are you', res):
    li = ['good', 'fine', 'great']
    response = random.choice(li)
    print(f"I am {response}")
    t2s(f"I am {response}")


#line 106
```

```
    elif re.search('your name|who are you', res):
        print("I am your personal assistant")
        t2s("I am your personal assistant")

    #line 110

    if re.search('what can you do', res):
        li_commands = {
                    "open websites": "Example: 'open youtube.com",
                    "time": "Example: 'what time it is?'",
                    "date": "Example: 'what date it is?'",
                    "launch applications": "Example: 'launch chrome'",
                    "tell me": "Example: 'tell me about India'",
                    "weather": "Example: 'what weather/temperature in Mumbai?'",
                    "news": "Example: 'news for today' ",
                }
        ans = """I can do lots of things, for example you can ask me time, date, weather in your city,
        I can open websites for you, launch application and more. See the list of commands-"""
        print(ans)
        pprint.pprint(li_commands)
        t2s(ans)

    #else:
        #talk("please try again...")

while True:
    run_Jarvis()
```

```
if re.search("stop listening|stop", res):
    break


if JarvisAI.waitKey(10) == ord('q'):
    break
```