import speech\_recognition as sr

import pyttsx3

import datetime

import cv2

import pywhatkit

listener = sr.Recognizer()

engine = pyttsx3.init()

voices = engine.getProperty('voices')

def talk(text):

for voice in voices:

#print(voice, voice.id)

engine.setProperty('voice', voice.id)

engine.say(text)

engine.runAndWait()

engine.stop()

def take\_command():

global command

try:

with sr.Microphone() as source:

print('listening...')

voice = listener.listen(source)

command = listener.recognize\_google(voice,language='en-in')

command = command.lower()

if 'alexa' not in command:

command = command.replace('alexa', '')

#print(command)

except:

pass

return command

def run\_alexa():

global counter

global Name

command = take\_command()

print(command)

if 'time' in command:

time = datetime.datetime.now().strftime('%I:%M %p')

talk('Current time is ' + time)

elif 'play' in command:

song = command.replace('play', '')

talk('playing ' + song)

pywhatkit.playonyt(song)

elif 'register my face' in command:

camera=cv2.VideoCapture(0)

Name=input("enter your name: ")

for i in range(10):

return\_value, image = camera.read()

cv2.imwrite(Name+str(i)+'.png', image)

del(camera)

file=open("F:/actors.csv","a")

file.write("\n"+str(counter)+","+Name+",C:/Users/DELL/OneDrive/Desktop/Project/"+Name+"5.png")

file.close()

counter = 0

while True:

run\_alexa()

counter +=1