import pyttsx3

import speech\_recognition as sr

import datetime

import webbrowser

import time

engine = pyttsx3.init()

r = sr.Recognizer()

def speak(text):

engine.say(text)

engine.runAndWait()

def greet():

x = datetime.datetime.now().hour

if 0 <= x < 12:

print("Good morning")

speak("Good morning")

elif 12 <= x < 18:

print("Good afternoon")

speak("Good afternoon")

else:

print("Good evening")

speak("Good evening")

def listen():

with sr.Microphone() as source:

print("Listening...")

audio = r.listen(source)

try:

text = r.recognize\_google(audio)

return text.lower()

except sr.UnknownValueError:

print("Could not understand audio")

except sr.RequestError as e:

print("Error fetching results; {0}".format(e))

def execute\_command(com):

s = "Searching for:"+ com

print(s)

speak(s)

url = "https://www.bing.com/search?q=" + com.replace(" ", "+")

webbrowser.open(url)

def get\_time():

t = "Current time is " + str(datetime.datetime.now().replace(microsecond=0))

print(t)

speak(t)

if \_name\_ == "\_main\_":

greet()

print("How can i help you today?")

speak("How can i help you today")

while True:

command = listen()

if command == "exit":

break

if command == "what is the time":

get\_time()

elif command:

execute\_command(command)