# text to speech using pyttsx3

import pyttsx3

engine = pyttsx3.init()

engine.say("Hi Kalyan,How is your day?")

engine.setProperty('rate',120)

engine.setProperty('volume', 0.9)

engine.runAndWait(

reading from file :

import pyttsx3

engine = pyttsx3.init()

txt = open(r”c://user/kalyan/desktop/text.txt”)

engine.say(text)

engine.setProperty('rate',120)

engine.setProperty('volume', 0.9)

engine.runAndWait()

Using gTTS (google API) :

# Import the required module for text

# to speech conversion

from gtts import gTTS

# This module is imported so that we can

# play the converted audio

import os

# The text that you want to convert to audio

mytext = open( r”c://user/kalyan/desktop/text.txt”)

# Language in which you want to convert

language = 'en'

# Passing the text and language to the engine,

# here we have marked slow=False. Which tells

# the module that the converted audio should

# have a high speed

myobj = gTTS(text=mytext, lang=language, slow=False)

# Saving the converted audio in a mp3 file named

# sample

myobj.save("sample.mp3")

# Playing the converted file

os.system("mpg321 sample.mp3")

User input :

# Python program to convert

# text to speech

# import the required module from text to speech conversion

import win32com.client

# Calling the Disptach method of the module which

# interact with Microsoft Speech SDK to speak

# the given input from the keyboard

speaker = win32com.client.Dispatch("SAPI.SpVoice")

while 1:

    print("Enter the word you want to speak it out by computer")

    s = input()

    speaker.Speak(s)

# To stop the program press

# CTRL + Z