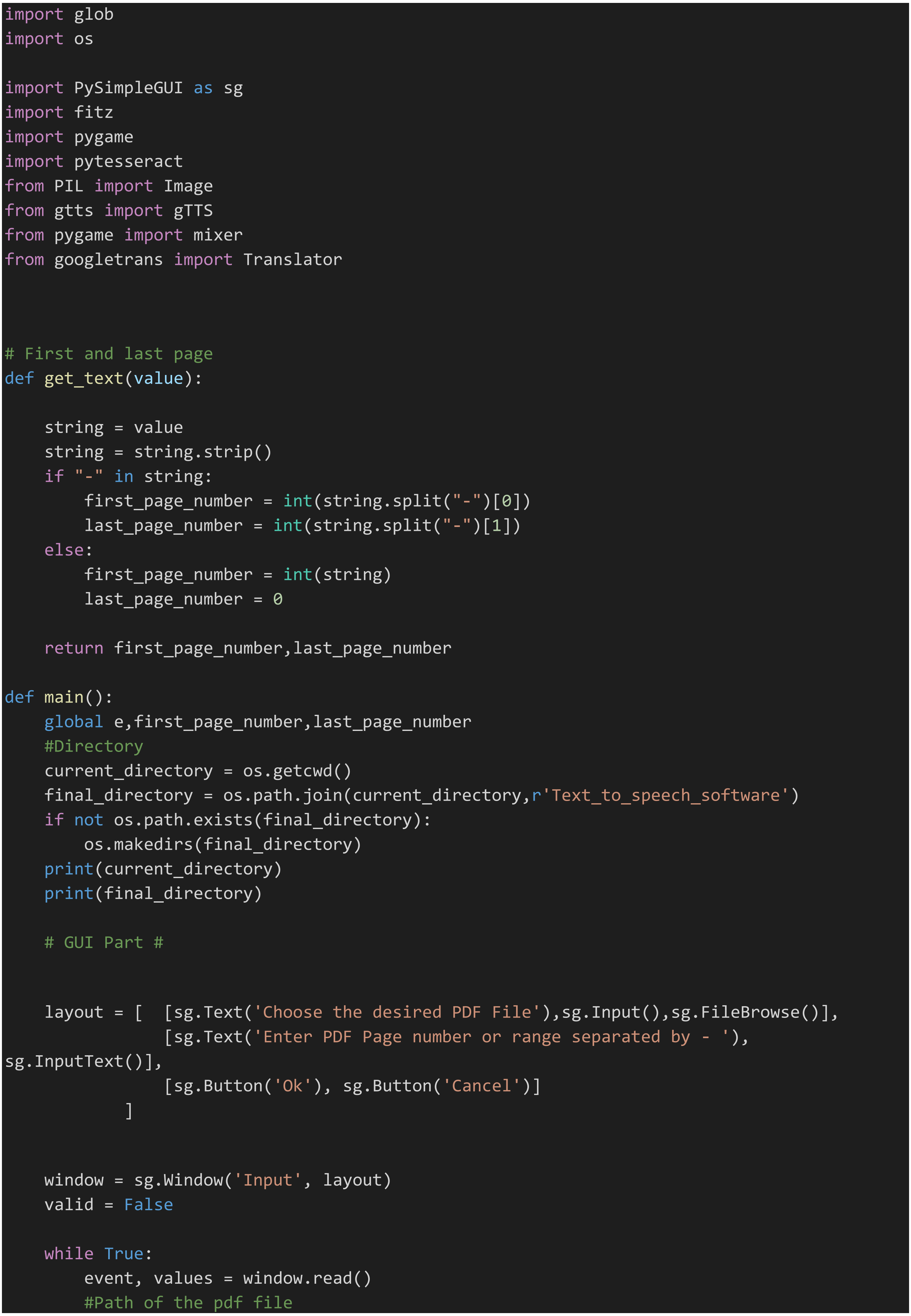
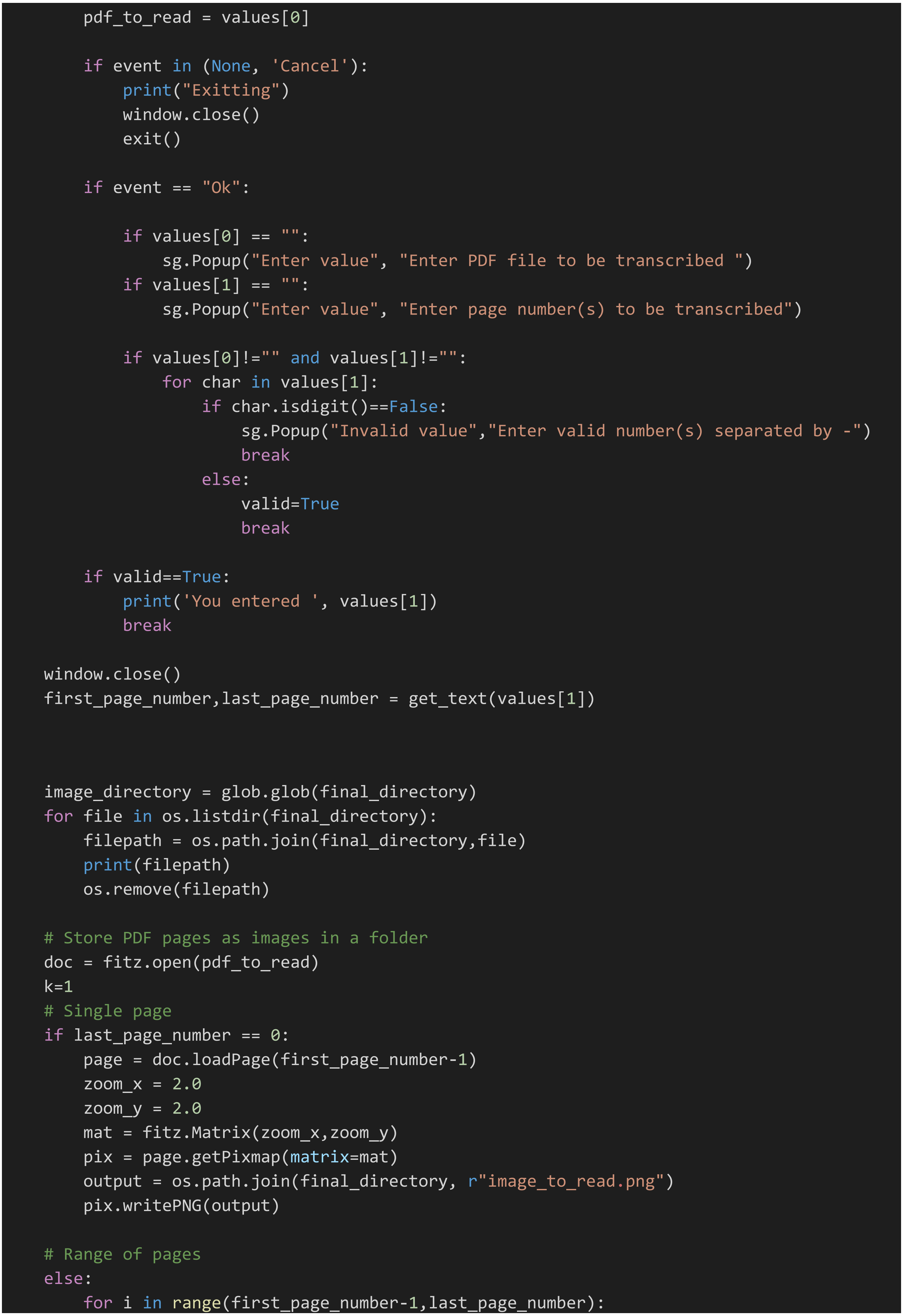


```python
import glob
import os

import PySimpleGUI as sg
import fitz
import pygame
import pytesseract
from PIL import Image
from gtts import gTTS
from pygame import mixer
from googletrans import Translator



# First and last page
def get_text(value):

    string = value
    string = string.strip()
    if "-" in string:
        first_page_number = int(string.split("-")[0])
        last_page_number = int(string.split("-")[1])
    else:
        first_page_number = int(string)
        last_page_number = 0

    return first_page_number,last_page_number

def main():
    global e,first_page_number,last_page_number
    #Directory
    current_directory = os.getcwd()
    final_directory = os.path.join(current_directory,r'Text_to_speech_software')
    if not os.path.exists(final_directory):
        os.makedirs(final_directory)
    print(current_directory)
    print(final_directory)

    # GUI Part #


    layout = [  [sg.Text('Choose the desired PDF File'),sg.Input(),sg.FileBrowse()],
                [sg.Text('Enter PDF Page number or range separated by - '),
sg.InputText()],
                [sg.Button('Ok'), sg.Button('Cancel')]
            ]


    window = sg.Window('Input', layout)
    valid = False

    while True:
        event, values = window.read()
        #Path of the pdf file
```



```
        pdf_to_read = values[0]

        if event in (None, 'Cancel'):
            print("Exitting")
            window.close()
            exit()

        if event == "Ok":

            if values[0] == "":
                sg.Popup("Enter value", "Enter PDF file to be transcribed ")
            if values[1] == "":
                sg.Popup("Enter value", "Enter page number(s) to be transcribed")

            if values[0]!="" and values[1]!="":
                for char in values[1]:
                    if char.isdigit()==False:
                        sg.Popup("Invalid value","Enter valid number(s) separated by -")
                        break
                    else:
                        valid=True
                        break

        if valid==True:
            print('You entered ', values[1])
            break

    window.close()
    first_page_number,last_page_number = get_text(values[1])



    image_directory = glob.glob(final_directory)
    for file in os.listdir(final_directory):
        filepath = os.path.join(final_directory,file)
        print(filepath)
        os.remove(filepath)

    # Store PDF pages as images in a folder
    doc = fitz.open(pdf_to_read)
    k=1
    # Single page
    if last_page_number == 0:
        page = doc.loadPage(first_page_number-1)
        zoom_x = 2.0
        zoom_y = 2.0
        mat = fitz.Matrix(zoom_x,zoom_y)
        pix = page.getPixmap(matrix=mat)
        output = os.path.join(final_directory, r"image_to_read.png")
        pix.writePNG(output)

    # Range of pages
    else:
        for i in range(first_page_number-1,last_page_number):
            page = doc.loadPage(i)
            zoom_x = 2.0
            zoom_y = 2.0
            mat = fitz.Matrix(zoom_x,zoom_y)
            pix = page.getPixmap(matrix=mat)
            output = os.path.join(final_directory, r"image_"+str(k)+"_to_read.png")
            pix.writePNG(output)
            k+=1

    print("Done")

    # Initialize the Pytesseract OCR software
    pytesseract.pytesseract.tesseract_cmd = r"C:\Program Files\Tesseract-
OCR\tesseract.exe"


    mytext = []

    # Read the text in image via pytesseract Optical Character Recognition (OCR) software

    for file in os.listdir(final_directory):
        data =
pytesseract.image_to_string(Image.open(os.path.join(final_directory,file)),lang="eng")
        data = data.replace("|","I")
        data = data.split('\n')
        mytext.append(data)



    language = 'en'

    print(mytext)



    newtext= ""
    for text in mytext:
        for line in text:
            line = line.strip()

            if len(line.split(" ")) < 10 and len(line.split(" "))>0:
                newtext= newtext + " " + str(line) + "\n"

            elif len(line.split(" "))<2:
                pass
            else:
                if line[-1]!=".":
                    newtext = newtext + " " + str(line)
                else:
                    newtext = newtext + " " + line + "\n"

    print(newtext)
    translator = Translator()
    languages = {'af': 'afrikaans', 'sq': 'albanian', 'am': 'amharic', 'ar': 'arabic',
'hy': 'armenian',
                 'az': 'azerbaijani', 'eu': 'basque', 'be': 'belarusian', 'bn': 'bengali',
'bs': 'bosnian',
                 'bg': 'bulgarian', 'ca': 'catalan', 'ceb': 'cebuano', 'ny': 'chichewa',
                 'zh-cn': 'chinese (simplified)', 'zh-tw': 'chinese (traditional)', 'co':
'corsican', 'hr': 'croatian',
                 'cs': 'czech', 'da': 'danish', 'nl': 'dutch', 'en': 'english', 'eo':
'esperanto', 'et': 'estonian',
                 'tl': 'filipino', 'fi': 'finnish', 'fr': 'french', 'fy': 'frisian', 'gl':
'galician', 'ka': 'georgian',
                 'de': 'german', 'el': 'greek', 'gu': 'gujarati', 'ht': 'haitian creole',
'ha': 'hausa',
                 'haw': 'hawaiian', 'iw': 'hebrew', 'hi': 'hindi', 'hmn': 'hmong', 'hu':
'hungarian', 'is': 'icelandic',
                 'ig': 'igbo', 'id': 'indonesian', 'ga': 'irish', 'it': 'italian', 'ja':
'japanese', 'jw': 'javanese',
                 'kn': 'kannada', 'kk': 'kazakh', 'km': 'khmer', 'ko': 'korean', 'ku':
'kurdish (kurmanji)',
                 'ky': 'kyrgyz', 'lo': 'lao', 'la': 'latin', 'lv': 'latvian', 'lt':
'lithuanian', 'lb': 'luxembourgish',
                 'mk': 'macedonian', 'mg': 'malagasy', 'ms': 'malay', 'ml': 'malayalam',
'mt': 'maltese', 'mi': 'maori',
                 'mr': 'marathi', 'mn': 'mongolian', 'my': 'myanmar (burmese)', 'ne':
'nepali', 'no': 'norwegian',
                 'ps': 'pashto', 'fa': 'persian', 'pl': 'polish', 'pt': 'portuguese',
'pa': 'punjabi', 'ro': 'romanian',
                 'ru': 'russian', 'sm': 'samoan', 'gd': 'scots gaelic', 'sr': 'serbian',
'st': 'sesotho', 'sn': 'shona',
                 'sd': 'sindhi', 'si': 'sinhala', 'sk': 'slovak', 'sl': 'slovenian', 'so':
'somali', 'es': 'spanish',
                 'su': 'sundanese', 'sw': 'swahili', 'sv': 'swedish', 'tg': 'tajik', 'ta':
'tamil', 'te': 'telugu',
                 'th': 'thai', 'tr': 'turkish', 'uk': 'ukrainian', 'ur': 'urdu', 'uz':
'uzbek', 'vi': 'vietnamese',
                 'cy': 'welsh', 'xh': 'xhosa', 'yi': 'yiddish', 'yo': 'yoruba', 'zu':
'zulu', 'fil': 'Filipino',
                 'he': 'Hebrew'}
    destination_lang = input("Destination Language :")
    print(destination_lang, '---')
    result = translator.translate(newtext, src='english', dest=destination_lang)
    with open('translated_doc_{}.txt'.format(languages[destination_lang]), 'w',
encoding="utf-8") as f:
        f.write(result.text)



    print(result.text)

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

    # Audio in a mp3 file
    myobj.save(os.path.join(final_directory,"pdf_audio.mp3"))
    # Play the audio file
    pygame.init()
    mixer.init()

    mixer.music.load(os.path.join(final_directory,"pdf_audio.mp3"))
    mixer.music.play()
    pygame.event.wait()


   # GUI END #

if __name__ == '__main__':
    main()
```