# Install required libraries

!pip install pytesseract

!sudo apt install tesseract-ocr

!sudo apt-get install tesseract-ocr-eng

!pip install gtts

# Import necessary libraries

from PIL import Image, ImageEnhance

import pytesseract

from gtts import gTTS

import IPython.display as ipd

# Set the path to the Tesseract executable (modify this based on your installation)

pytesseract.pytesseract.tesseract\_cmd = '/usr/bin/tesseract'

def enhance\_image(img):

# Enhance the image (you can experiment with different factors)

enhancer = ImageEnhance.Contrast(img)

img = enhancer.enhance(2.0) # Increase contrast by 2.0 times

# You can add more enhancement techniques as needed

return img

def image\_to\_text(image\_path):

# Open and enhance the image

img = Image.open(image\_path)

img = enhance\_image(img)

# Use Tesseract to do OCR on the image

text = pytesseract.image\_to\_string(img)

return text

def text\_to\_audio(text, audio\_path='output\_audio.mp3'):

# Use gTTS for text-to-speech

tts = gTTS(text=text, lang='en', slow=False)

# Save the speech to an audio file

tts.save(audio\_path)

# Specify the image path

image\_path = '/content/image-to-text-online.png'

# Perform OCR on the image

result\_text = image\_to\_text(image\_path)

# Display the OCR result

print("OCR Result:")

print(result\_text)

# Convert the text to speech and save as an audio file

audio\_path = '/content/output\_audio.mp3'

text\_to\_audio(result\_text, audio\_path)

# Display the audio file

ipd.Audio(audio\_path)