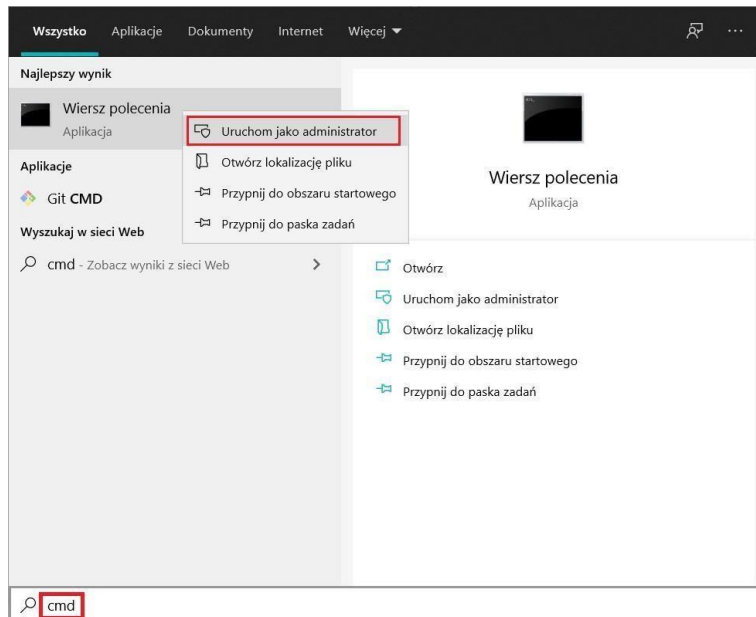1.Check your python version

Search for "cmd" in Windows, and run it (terminal) as administrator.

Type python --version:

2.Download and install Python.

Visit the site:

https://www.python.org/downloads/release/python-396/ or install the latest

stable version available. scroll down the site and choose python version for

your os.

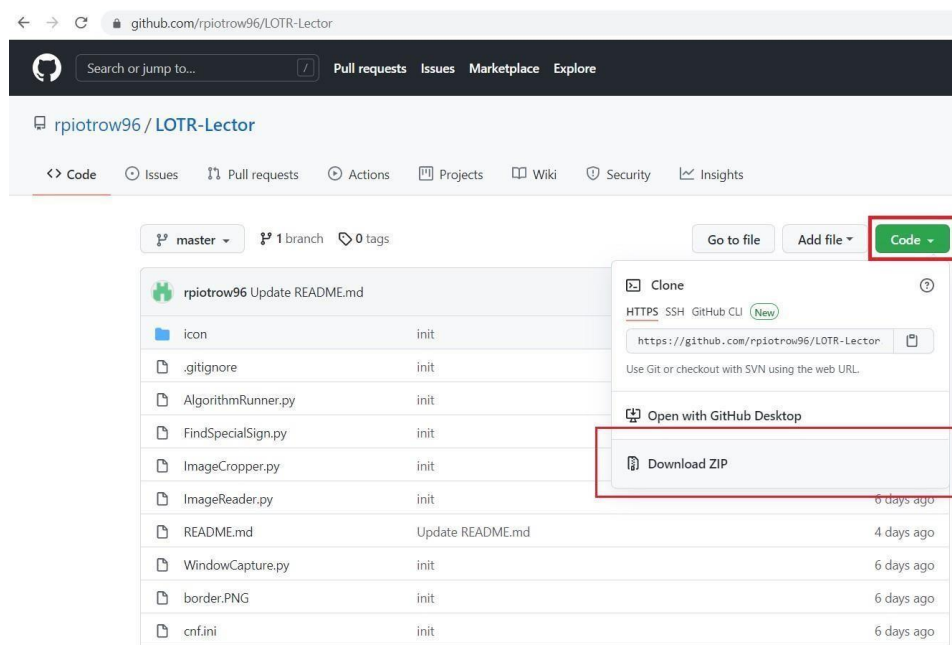|					
Windows embeddable package (32-bit)	Windows		5b9693f74979e86a9d463cf73bf0c2ab	7599619	SIG
Windows embeddable package (64-bit)	Windows		89980d3e54160c10554b01f2b9f0a03b	8448277	SIG
Windows help file	Windows		91482c82390caa62accfdacbcaabf618	6501645	SIG
Windows installer (32-bit)	Windows		90987973d91d4e2cddb86c4e0a54ba7e	24931328	SIG
Windows installer (64-bit)	Windows	Recommended	ac25cf79f710bf31601ed067ccd07deb	26037888	SIG

 Install python, remember to check both checkboxes:

Click install now.

After installation, <u>run new terminal</u> and type `python --version`. You should see something like this:

3.Download the https://github.com/philipesantos136/jime-reader/tree/main

Click Code -> Download ZIP and unzip it.

4.download and install tesseract https://github.com/UB-Mannheim/tesseract/wiki

Installation:

Remember to NOT EDIT the Destination Folder! if you do, you will have to edit the python configuration file as well.
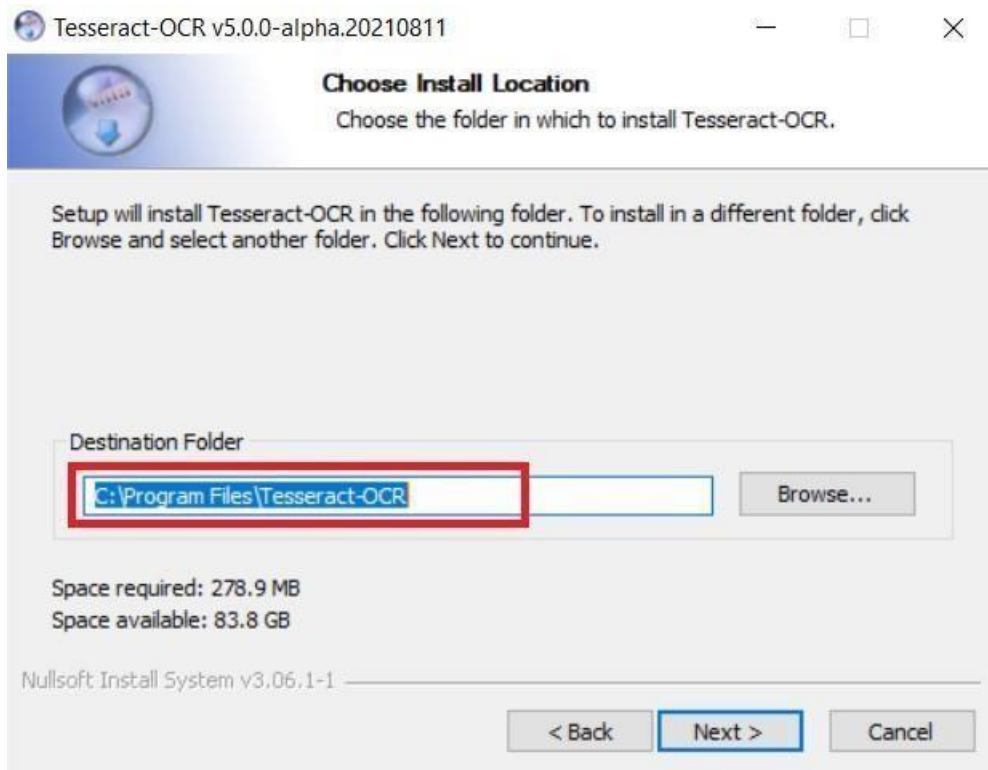
Then click next and install.

Download pt-br trained data (por.traineddata) tesseract:

https://github.com/tesseract-ocr/tessdata/blob/main

Copy and paste in file directory:

C:\Program Files\Tesseract-OCR\tessdata

5.Download python libraries

Open terminal (as previous) on unzip folder and run command:

```
pip install -r requirements.txt
```

Wait for downloading all libraries and close terminal.

6.Create azure free acount in https://azure.microsoft.com/pt-br/products/ai-services/text-tospeech/

You will not be charged until you change your subscription tier, which we will not do.

6.1 – install Microsoft Visual C++ if you don't have (recommended)
https://learn.microsoft.com/enus/cpp/windows/latest-supported-vc-redist?view=msvc170&preserve-view=true

6.2 – Create a new multi-service resource in
https://portal.azure.com/#blade/Microsoft_Azure_ProjectOxford/CognitiveServicesHub/SpeechSe rvices

6.2.1 – Click on subscription (assinaturas), then add:

Then add (check if your plan is free to use not pay as you go).

6.2.2 – go to home and then click speech services then create.

6.2.3 – check your subscription (created in the previous step), set up resources group set up reagion (Brazil South), name: Python-lotr and price type, F0. After create, copy one of your Keys, open cmd and paste :

Keys and endpoint

Essas chaves são usadas para acessar a API do OpenAI. Não compartilhe suas chaves. Armazená-los com segurança– por exemplo, usando Azure Key Vault. Também recomendamos regenerar essas chaves regularmente. Apenas uma chave é necessária para fazer uma chamada à API. Ao regenerar a primeira chave, você pode usar a segunda chave para acesso contínuo ao serviço.

Mostrar as Chaves

CHAVE 1

....

CHAVE 2

....

Localização/região ⓘ

brazilsouth

Ponto de extremidade

https://brazilsouth.api.cognitive.microsoft.com/

setx COGNITIVE_SERVICE_KEY your-key setx

SPEECH_REGION brazilsouth

```
Prompt de Comando        ×    +  ∨
Microsoft Windows [versão 10.0.22621.3155]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\phili>setx COGNITIVE_SERVICE_KEY your-key

ÊXITO: o valor especificado foi salvo.

C:\Users\phili>setx SPEECH_REGION brazilsouth

ÊXITO: o valor especificado foi salvo.

C:\Users\phili>
```
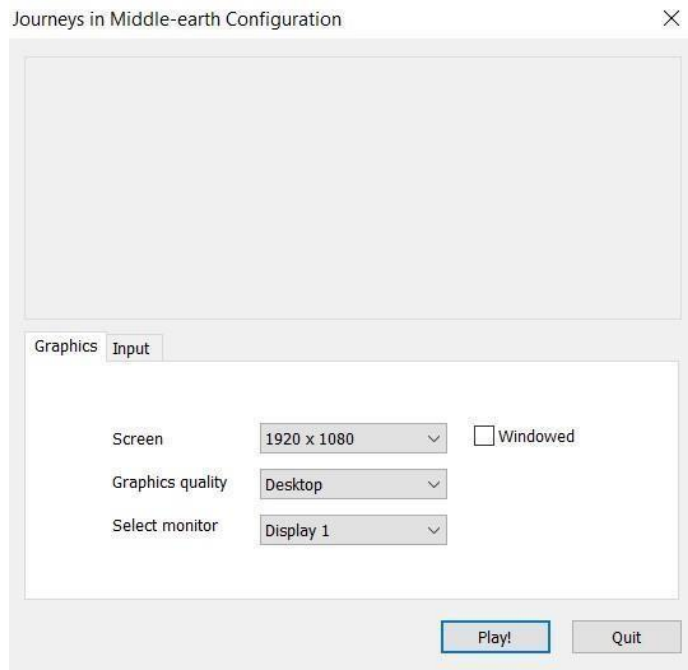
7. Install pt-br pre-trained model
8.Run the app!

Open terminal and go to directory where you unzipped app.

On my computer I typed: `cd ..\..\Users\Lenovo\Desktop\LOTR-Lector-master` Then: `python main.py`

It works!

Example of read txt: