

Arabic Morphological Analyzer

Program Requirements

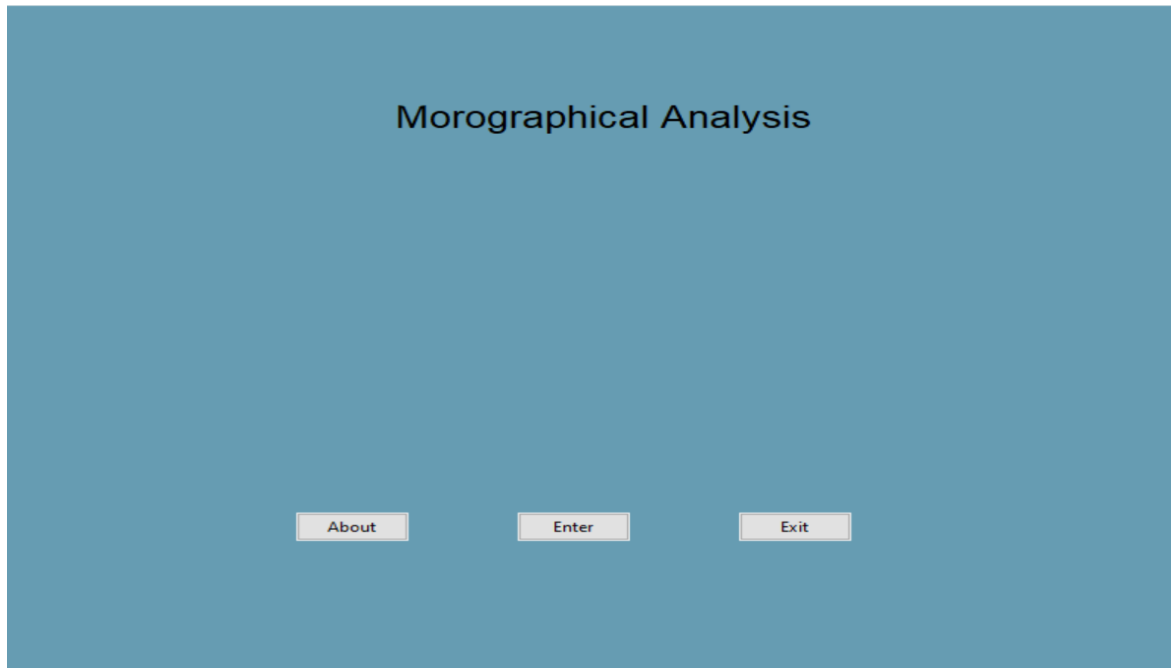
- The program is written completely using Python programming language (version $\geq 3.11.3$)
- Then there are some packages that should be installed to be able to run the program.

Install the requirements packages by typing this command in the terminal:

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

overview

To execute the program, run the `arabic_morphological_analyzer` file.



It will have this Interface.

Generate

After you hit Enter, there will be a field to enter a phrase you want to get the possible roots from it.

For example, the phrase "ذهب الطالب الى المدرسة"

Generate

	root	word
	ذهب	ذهب
طالب	طلب	الطالب
	الى	الى
مدرس	درس	المدرسة

It will show the possible roots for each word like this, the possible root for each word.

Note:

Consider typing the shaddah ' ّ ' if any word contains it to make the program more accurate.