25 Points

Create 2 executable programs. A **Translate** Program, and a **Dictionary** Program. The programs can be written in either JAVA or C++ language (JAVA is preferred). The executable programs should be a .exe or a .jar program. If you’re using C++, you must compile your 2 programs into .exe executables.

**TRANSLATE Program:**

The **Translate** program will prompt the end user for an English word. You may use a command prompt or GUI.

The **Translate** executable program will pass the **Dictionary** executable program an English word. The **Dictionary** program will translate and return a foreign word. The **Translate** program will print out the English word and its foreign translation into a file. The foreign word will also be displayed to the end user entering the English word.

Determine a way to gracefully terminate the **Translate** program when the end-user is finished translating English words.

**DICTIONARY Program:**

The **Dictionary** program will look up the English word and return its translation in foreign language. The **Dictionary** program will have the ability to translate a selected number of English words into another language. The language the **Dictionary** program will translate English words to will be determined by the student. The **Dictionary** program will have the ability to translate at least 15 English words into a foreign language. If a word is not translateable, the Dictionary will indicate that the word to be translated is not found in the foreign word dictionary.

Each student will do his/her own work.

* Turn in properly documented source code. Source code should be properly documented with comments and banners
* The two executable programs
* The output created by the code – the translation file and screen prints
* Supply a list of English to foreign word translations
* Students will include a in a separate document instructions on how to use the executables
* List of enhancements that could be done to this assignment to make it better.

Assignment worth **25 points**