**Translation testing**

**Input**

Spanish TO English, perro

Spanish TO English, ESTACIóN DE TREN

Spanish TO English, Medium Words

Spanish TO English, VEREDA

English TO Spanish, easy words

English TO Spanish, MADAM

English TO Spanish, carretera

English TO Spanish, sidewalk

**Output**

dog

null

null

sidewalk

null

señora

null

vereda

A problem was highlighted, since Estación de tren should have been translated to train station. I noticed that the word, estacion de tren, had been put into the system with a capital “E”, which ruins the word search in the function. I made it all lowercase, tried it again, and got the following correct output:

dog

train station

null

sidewalk

null

señora

null

vereda

This testing also highlighted the potential error in users not being able to input specialist characters during search, ie ñ, ó or any other foreign characters found in languages such as Japanese, Arabic and Russian. For the Spanish/accented roman letters, I’ll need to code some sort of converter, which effectively allows functions to accept accented **or** non-accented letter, when one is expected. As for the other languages, I do not think a conversion is necessary, as no leeway should be given for incorrect characters. If the user is not able to input those characters, then that is not the program’s problem.