

MP1 Report

Group 60

Group consists of Bernardo Quinteiro 93692 and Diogo Lopes 93700. Both had an estimated contribution of 50%, due to the fact that most of the work was done together.

We began by writing the code for the 9 steps and testing each one by using the examples in the project statement. After passing all these tests, we edited the run.sh script to create the metaphoneLN through the fstconcat command and test it with the "TO BE OR NOT TO BE THAT IS THE QUESTION BY WILLIAM SHAKESPEARE" example from the statement and with our names. After passing that test, we developed the invertMetaphoneLN using fstinvert that we then tested and led to the conclusions that will be explained further below.

The solution achieved for the metaphoneLN is viable as it can create a singular answer for each string provided. As for the invertMetaphoneLN, we believe that the solution is not viable as there could be many correct results for each string provided, even if the Metaphone only provides one.