

YouTube Link: <https://youtu.be/kNMWpuH3ZSI>

After running the program a couple of times I have the following thoughts. I think that when you set the minimum length to a low number such as 1 and a max length of 5, they mostly tend to sound like male names for both male and female generations. When I set the minimum as 5 and maximum  $> 5$  I tend to notice the difference and male names seem male and female names seem female. With that said, longer names definitely are different than shorter names. Example of a bad male name: "Haid". Example of a good male name: "Spence". Example of a bad female name: "Sanie". Example of a good female name: "Lilanna". I also noticed that the higher order I put on the Markov Model, the more like a known name the generator would generate. With an order of 5, I noticed names that were just 1 letter off of real names such as "Tristopher". In general I think that it's a pretty good generator. Some names are bad, and some are good but you can generate a list of 50 names and choose through which ones sound good.