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languages?

another, is not a great software design technique, but it's what we have available to us at this point, until we develop an interface to capture the common code. 6:02 As I look through this code, I wanna understand the differences between MarkovOne and MarkovTwo.

The get training text method, the setTraining method is the same. The getRandomText method is slightly different, because I'm going to use two

6:09

predict the next one. So as we can see here. 6:29 This picks one substring as my initial key, and that substring has a length one, going from index to index+1. I'll change that to go from index to index+2, and that will mean that the value of a valid index could only go up to two before the

characters to predict the next one. Rather than just using a single character

end. I need to be able to pick any index that allows for a two character

substring. So I need to change this one to a two, this one to a two, and I'll need to change this one to a two as well, because this group has already had two characters generated and stored here as the key. So I only need to generate num chars minus two. When I compile this program, it works fine with no errors. I'm gonna use MarkovRunner, compile it, create a new MarkovRunner object, Run the Markov method. Use Romeo. 7:28 And we can see here, that the text looks a little more realistic like English. I can see words like Tyed, which might be the Montagues and the Capulets somehow, home is here, pandr is here, this cade. These words look more, even right here

Roman instead of Romeo. So I have a little more English quality in my text, by

simply changing the ones to twos. I might go one step further and change the twos to threes, just to see that I'm on the right track here. 8:04 Now I will be generating an order three Markov text. If that works, I'll have pretty good confidence that my changes were correct.

8:18 And I'm hoping that this looks even more like Romeo.

8:26

That seems a little more like Romeo, wherefore art thou Romeo? I can imagine that this is like that, so I'm reasonably happy and satisfied that my changes

worked as they were supposed to. Because I'm writing MarkovTwo and not MarkovThree, I'm gonna change my threes back to twos. That was me simply verifying that my changes were correct. 8:54 As a reminder, because getFollows, the helper method that you see here, works regardless of the size of the key I'm using, because it uses things like

key.length. And key.length. My changes, in changing the ones to twos were good enough. I've got MarkovOne, MarkovTwo, and I could easily make Markov n for a n character Markov generation. I'll wait until we do interfaces for that. Happy programming!