**Part A**

Get and store the location of the nth occurrence by calling findNthOccurrence passing str and n. Remember, the original phrase string is an instance variable so does not get passed.

if the index returned is not -1, it will be the index of the "nth" occurrence of str. Set current phrase to a new string that has the orginal phrase but replaces str with repl at the location returned by findNthOccurance. (e.g. currentPhrase=currentPhrase.substring(0,location) + repl +currentPhrase.substring(location+str.length()); )

**Part B**

Create a variable called lastLocation and set it to -1

Create a loop that will go through all the n occurrences.

(e.g for(int n=1; n <= currentPhrase.length(); n++)

Call findNthOccurrence passing str and n,

and store it as a variable called locationFound

if( locationFound is not -1 )

set lastLocation to locationFound

else

return lastLocation

Default case is to return lastLocation. You could also use lastIndexOf