CMS 167: Lab 8 Working with Arrays – Baby Names

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In this Lab, we will work with two arrays representing the 100 most popular girl and boy baby names for 2015. (This data was collected by the Social Security Administration: https://www.ssa.gov/cgi-bin/popularnames.cgi )

I have provided two files: girlnames2015.txt and boynames2015.txt which contain the 500 most popular girl and boy baby names for 2015, respectively. The position of a name in the file represents the ranking of the name; thus the first name is the most popular, the second name is the second-most-popular name, etc.

Your job is to:

* Instantiate two arrays, one for girls’ names and one for boys’ names
* Read each file into the appropriate array
* Output each array, with ten names per line
* Output the most popular girl’s and boy’s name
* Prompt the user for a name, and search each array. For each array, if the name is found, report its ranking. Otherwise, output a message saying that the name was not found.

Remember that to call a method on an object in an array, you use

arrayName[index].methodName( )

**Question:**

1. **How does the ranking of each name relate to its index in the array?**