**cs401 Program #7 POLITCAL ACTION COMMITTEES**

You are given a starter file [**Program7.java**](http://www.cs.pitt.edu/~hoffmant/401/program-07/Program7.java) and two input files:

* [pacs.txt](http://www.cs.pitt.edu/~hoffmant/401/program-07/pacs.txt) which contains a list of Politcal Action Committee acronyms.
* YCL
* ACLU
* SDS
* GREENPEACE
* ASPCA
* SAVE\_THE\_WHALES
* NAMBLA
* MADD
* NRA
* [members.txt](http://www.cs.pitt.edu/~hoffmant/401/program-07/members.txt) which contains a mapping of names to the committees they belong to.
* jsmith ASPCA YCL ACLU
* bjones ASPCA NRA
* mjackson GREENPEACE NAMBLA
* kjohnson SAVE\_THE\_WHALES MADD
* jroberts NRA MADD
* jsandusky YCL NAMBLA ACLU

You must read both files and print a sorted table that lists each PAC followed by all it's members. Note that the rows are sorted by PAC. The list of names must also be sorted

**CORRECT OUTPUT \*must match EXACTLY\***

C:\> java Program7 pacs.txt members.txt

ACLU jsandusky jsmith

ASPCA bjones jsmith

GREENPEACE mjackson

MADD jroberts kjohnson

NAMBLA jsandusky mjackson

NRA bjones jroberts

SAVE\_THE\_WHALES kjohnson

SDS

YCL jsandusky jsmith

**You will hand in exactly one file named Program7.java and be graded on how effectively you use ArrayList, HashMap and or HashSet. If you just hack thru it like a cs007 student writing laborious loops on plain arrays you will get a failing score. Think about which of the three containers ArrayList and/or HashMap and/or HashSet can be used to greatest advantage here.**