The process that we came to the conclusion of was to sort the data systematically between the two lists; individuals and those individuals relations. So we would scan the file, have one method part the list at the first “END” through a sublist, and then store the relations list into another ArrayList. From there it was determining a method on how to establish the child/parent relationship. Taking the relations list it another method was used to assign individuals their respective parents thus making them a child of that parent through setMother/setFather. Then it was just making sure the output matched the example.

Parts I was to focus on methods scanFile(), splitList() and createPeople(). scanFile() was to take in a file of names input by the user and it would then create a new ArrayList file that would store their values. splitList() would then call createPeople() and through a subList() would create a list of individuals whom could be referenced and called to later on. After the subList is made splitList then deletes entries of “END” and returns people in order of child, mother and father that would be processed later.