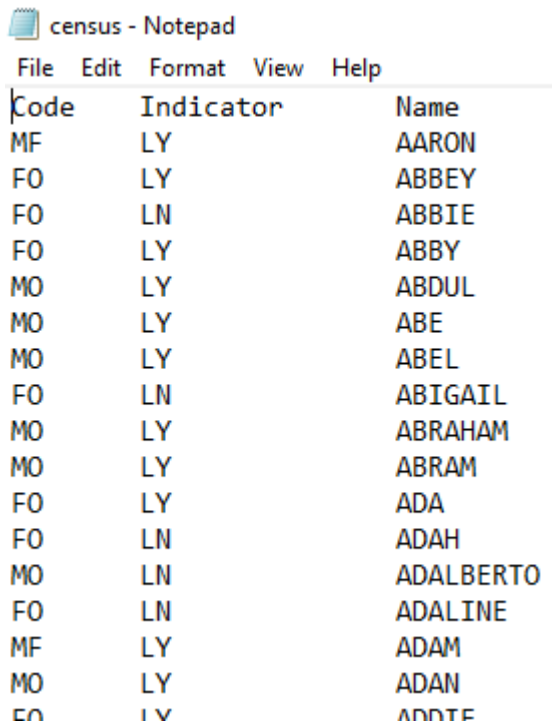The text file *census.txt* contains a list of first names from a census in the USA in the mid 2000's. There are over 5000 names appearing in the file. The file takes the following format (appearing alongside each name is a code and an indicator).

```
census - Notepad
File  Edit  Format  View  Help
Code     Indicator        Name
MF       LY               AARON
FO       LY               ABBEY
FO       LN               ABBIE
FO       LY               ABBY
MO       LY               ABDUL
MO       LY               ABE
MO       LY               ABEL
FO       LN               ABIGAIL
MO       LY               ABRAHAM
MO       LY               ABRAM
FO       LY               ADA
FO       LN               ADAH
MO       LN               ADALBERTO
FO       LN               ADALINE
MF       LY               ADAM
MO       LY               ADAN
FO       LY               ADDIE
```

The key for the **code** is as follows:

   MF: used as a male and female name (331 names identify as MF in the file).
   MO: used as male only name (888)
   FO: used as female only name (3944)

The key for the **indicator** is as follows:
   LY: used as a last name as well as a first name (2052)
   LN: Not used as a last name (3111)

To do:

Write an application that will read the file and will create **at most two Callable's** to return the following:

1. How many names from the file are used as both a male and female name.
2. How many names from the file are male only.
3. How many names from the file are female only.
4. How many names from the file are used as both a last name as well as a first name.
5. How many names from the file are not used as a last name.

You can then print to the screen the return values from these *Callable's* once they have finished executing. The *Callable's* should execute concurrently and due to the number of searches that are

taking place (five) and the high volume of data involved there should be a marked difference between using multithreading for this exercise and not.

It is worth noting that the codes and indicators are contained in a variety of names: For example:

Code/Indicator	Found in names	Example
MF	0	N/A
FO	18	Adolfo
MO	65	Desmond
LY	147	Billy
LN	5	Maryln