

FavoriteMovies

FavoriteMovies: This program reads a two column file "favoriteMovies.txt" where the first column is the name of a person and the second column is the name of one of their favorite movies. Both names consist of a single word and they are separated by a tab character. Here are some lines from the file:

```
Liam Amadeus
Olivia Professional
Olivia Godfather
Madison Amadeus
```

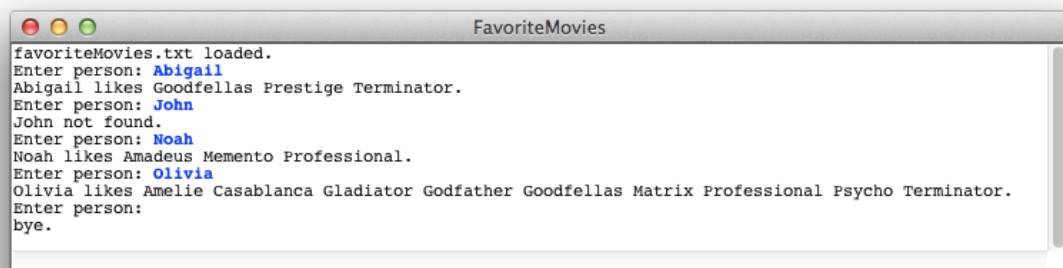
Your first task is to read this file and construct a HashMap with person names as keys and an ArrayList of their favorite movies as values. The type signature for such a variable is: **HashMap<String, ArrayList<String>>**

Such a variable (m) has been declared in the beginning of run(). Here are the steps you can follow:

1. Read each line from the BufferedReader br.
2. Split the line into person and movie.
3. Check to see if the person exists in m.
4. If not put the person with an empty ArrayList to m.
5. Add the movie to the person's ArrayList.

Your second task is to ask the user for person names and print the favorite movies of the person entered. Here are the steps you can follow:

1. Ask for a person name from the user.
2. If the name is empty, break.
3. Look the person up in HashMap m.
4. If not found print "<Name> not found".
5. Otherwise print the favorite movies of the person and repeat.



```
FavoriteMovies
favoriteMovies.txt loaded.
Enter person: Abigail
Abigail likes Goodfellas Prestige Terminator.
Enter person: John
John not found.
Enter person: Noah
Noah likes Amadeus Memento Professional.
Enter person: Olivia
Olivia likes Amelie Casablanca Gladiator Godfather Goodfellas Matrix Professional Psycho Terminator.
Enter person:
bye.
```