

Test 2 Booster/Final Practice: Compsci 06

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Name: _____

NetID/Login: _____

Honor code acknowledgment (signature) _____

	value	grade
Problem 1	15 pts.	
TOTAL:	15 pts.	

PROBLEM 1 : (IMDB)

The Internet Movie Data Base (IMDB) company has asked you to help them determine the actor who has appeared in the most movies. IMDB data is stored by movie in a CSV format with the movie title first and actors following the title:

```
Taxi Driver,Robert De Niro, Jodie Foster, Cybill Shepherd, Harvey Keitel  
Contact,Jodie Foster, Tom Skerritt, Matthew McConaughey,Max Martini  
Sommersby,Richard Gere,Jodie Foster,Bill Pullman,James Earl Jones
```

Write a python function named `topActors` that takes the name of the data file as a parameter and prints the top five actors in terms of movie-appearances and their movies in the format shown below. The order of the movies printed does not matter. Assume there will be data for more than five different actors in the file and do not worry about breaking ties in terms of number-of-movies for an actor.

```
Jodie Foster: 10 movies  
    Taxi Driver  
    Panic Room  
    Little Man Tate  
    Anna and the King  
    Contact  
    Sommersby  
    Silence of the Lambs  
    Inside Man  
    The Accused  
    The Hotel New Hampshire  
Richard Gere: 5 movies  
    Pretty Woman  
    Primal Fear  
    Sommersby  
    Nights in Rodanthe  
    Brooklyn's Finest  
James Earl Jones: 3 movies  
    Sommersby  
    Star Wars: A New Hope  
    Dr. Strangelove
```