

They say in Hollywood, every actor knows every other actor. In Casualwood however, this affirmation does not hold true. In Casualwood, every actor knows another actor if and only if they once starred in a movie together.

In *movies.txt* you are given a list of movies and their cast (see format below).

Requirement 1: read all the movies from the file and store them in appropriate structures printing everything out to the console

Requirement 2: by reading an actor name from the keyboard, print out all the friends of that actor (i.e. all the cast members of the movies he's been in)

Requirement 3: extract the person with the most friends

| movies.txt   |
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| Lord of the Rings,Sean Bean Viggo<br>Mortensen,Christopher Lee,Elijah Wood |
| Harry Potter,Daniel Radcliffe,Rupert<br>Grint,Emma Watson,Michael Gambon   |
| The Book of Eli,Michael Gambon,Mila<br>Kunis,Gary Oldman,Denzel Washington |
| Hugo,Christopher Lee,Ben Kingsley,Chloe<br>Grace Moretz                    |
| Inception,Leonardo DiCaprio,Ellen<br>Page,Tom Hardy,Michael Caine          |
| Interstellar,Matthew McConaughey,Michael<br>Caine,Matt Damon               |
| Shutter Island,Leonardo DiCaprio,Mark<br>Ruffalo,Ben Kingsley              |