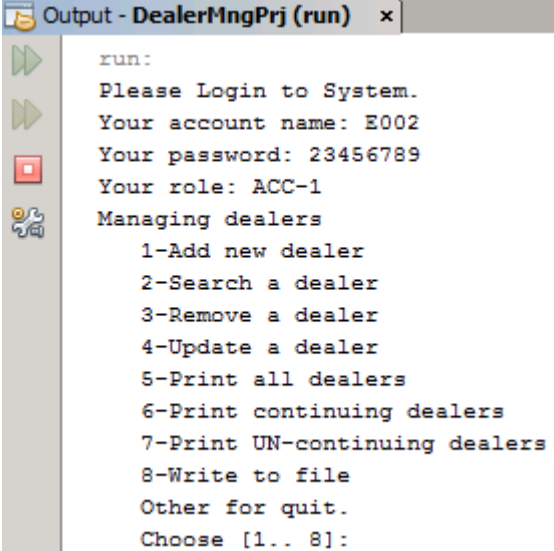


### Requirements:

A firm ABC needs a console program to manage their resources including dealers & delivery notes with the following features:

- Provide basic operations (CRUD - Create, Read, Update, Delete) on dealers & delivery notes.
- Support a basic authorization, only users with specified roles can operate on specific resources, following roles are supported:
  - R001: Allowed to work with dealers
  - R002: Allowed to work with delivery notes
  - ADMIN: Allowed to manage users (Create, Read, Update, Delete)
- Initial data of users, dealers, deliveries will be provided through a "config.properties" file:
  - users\_file=users.csv
  - dealers\_file=dealers.csv
  - deliveries\_file=deliveries.csv
- After user log in with a role R001, displace following options:



```
run:
Please Login to System.
Your account name: E002
Your password: 23456789
Your role: ACC-1
Managing dealers
  1-Add new dealer
  2-Search a dealer
  3-Remove a dealer
  4-Update a dealer
  5-Print all dealers
  6-Print continuing dealers
  7-Print UN-continuing dealers
  8-Write to file
Other for quit.
Choose [1.. 8]:
```