**Spring AOP**

1. Write a business class having 2 methods addInVector() & addInList(). These methods add 1000 integers into vector & arraylist respectively. Write an aspect to measure the time required to perform both operations individually.
2. Write a POJO called User that populates loginname, password, firstname & country. Add a business logic class UserHandler having methods login(), logout() & register() that maintains the data in collection. Here are specific requirements for every business method:

In order to login, the username must be minimum 3 characters.

Logout() methods throws exception if we try logout an user which has not logged in. We want to show this error in proper string format instead of exception stack trace.

Register(): Username & password both must be minimum3 characters long.

Introduce the Audit trailing which will give us report about how long every client’s session remained active.

Use AOP in order to accomplish the above requirements.