Day 18 Spring Security

Day 17 Revisit – Spring Profiles (Multiple Environments)

Dev – Environment (application-dev.properties)

Test

Stage

Prod

ARS (Airline Reservation System)

H2, MySQL, Postgres, MS-SQL (dev, test, stage, prod)

Authentication & Authorization

Authentication – Is the process of verifying or checking the User details (credentials/OTP based)

Authorization – (Role Based Access – Providing access to limited Resource based on the roles)

CSRF – Cross Site Resource Forgery

Spring Security is a Separate Module in Spring Framework.

1. Add Spring Security Dependency in pom.xml file (It creates two forms [login & logout], generate a user with dynamic password [which will be displayed in the IDE console) and add two end-points namely /login &/logout.
2. Add Security details in application.properties (Hot coding the credentials – only for dev-environment)

Ctrl+A = To select all lines

Ctrl+Shift+F = Format the code