**Practice project**

Implement Spring Security with Authentication

Writeup:

* Create a spring boot project and add the required dependencies.
* In application.properties, enter the prefix path and suffix for the jsp files.
* Create a package “com.authentication” and create the classes here.
* Create a authentication class “CustomAuthentication”. This class will check custom Authentication and return Authentication object if username and password is current.
* Create a “SecurityConfiguration” class and use “@Configuration” annotation to indicates that this class declares one or more [bean](eclipse-javadoc:%E2%98%82=Phase3Project4/C:\\/Users\\/varad\\/.m2\\/repository\\/org\\/springframework\\/spring-context\\/5.3.15\\/spring-context-5.3.15.jar=/maven.pomderived=/true=/=/maven.pomderived=/true=/=/maven.groupId=/org.springframework=/=/maven.artifactId=/spring-context=/=/maven.version=/5.3.15=/=/maven.scope=/compile=/<org.springframework.context.annotation(Configuration.class%E2%98%83Configuration%E2%98%82Bean) methods and may be processed by the Spring container to generate bean definitions and service requests for those beans at runtime and also use “@EnableWebSecurity” annotation to have a spring security configuration.
* Create two methods in security configuration class, one to have configuration related to spring boot basic authentication and other to configure the forward url path based on authentication.
* Create a class “SpringBootConfig” to start the application. Use “@ComponentScan” annotation this uses a root package also allows the @ComponentScan annotation to be used without needing to specify a basePackage attribute.
* Create 3 jsp files for the form.