JWT-handson

**6.Create authentication service that returns JWT**   
  
**Code:**  
**JwtAuthServiceApplication.java :**  
package com.cognizant.jwt\_auth\_service;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

*@SpringBootApplication*

public class JwtAuthServiceApplication {

public static void main(String[] args) {

SpringApplication.*run*(JwtAuthServiceApplication.class, args);

}

}  
  
**SecurityConfig.java :**  
  
package com.cognizant.jwt\_auth\_service.config;

import org.springframework.context.annotation.Bean;

import org.springframework.context.annotation.Configuration;

import org.springframework.security.config.annotation.web.configuration.EnableWebSecurity;

import org.springframework.security.web.SecurityFilterChain;

import org.springframework.security.config.annotation.web.builders.HttpSecurity;

*@Configuration*

*@EnableWebSecurity*

public class SecurityConfig {

*@Bean*

public SecurityFilterChain filterChain(HttpSecurity http) throws Exception {

http

.authorizeHttpRequests(auth -> auth

.requestMatchers("/authenticate").permitAll()

.anyRequest().authenticated()

)

.csrf().disable();

return http.build();

}

}

**AuthenticationController.java :**

package com.cognizant.jwt\_auth\_service.controller;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.RestController;

*@RestController*

public class AuthenticationController {

*@GetMapping*("/authenticate")

public String authenticate() {

return "{\"token\": \"This will be a real JWT soon\"}";

}

}  
**application.properties:**

spring.application.name=jwt-auth-service

server.port=8090

**Output :**