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package app.security;

import org.springframework.context.annotation.Bean;
import org.springframework.context.annotation.Configuration;
import org.springframework.security.config.annotation.method.configuration.EnableMethodSecurity;
import org.springframework.security.config.annotation.web.configuration.EnableWebSecurity;
import org.springframework.security.core.userdetails.User;
import org.springframework.security.core.userdetails.UserDetails;
import org.springframework.security.core.userdetails.UserDetailsService;
import org.springframework.security.crypto.factory.PasswordEncoderFactories;
import org.springframework.security.crypto.password.PasswordEncoder;
import org.springframework.security.provisioning.InMemoryUserDetailsManager;

@Configuration
@EnableWebSecurity
@EnableMethodSecurity
public class InMemorySecurityDemo {

    @Bean
    public UserDetailsService userDetailsService
        (PasswordEncoder passwordEncoder) {
        UserDetails user = User.withUsername("srikanth")
            .password(passwordEncoder.encode("java"))
            .roles("USER")
            .build();

        UserDetails admin = User.withUsername("admin")
            .password(passwordEncoder.encode("admin"))
            .roles("USER", "ADMIN")
            .build();

        return new InMemoryUserDetailsManager(user, admin);
    }

    @Bean
    public PasswordEncoder passwordEncoder() {
        PasswordEncoder encoder = PasswordEncoderFactories.createDelegatingPasswordEncoder();
        return encoder;
    }
}
```