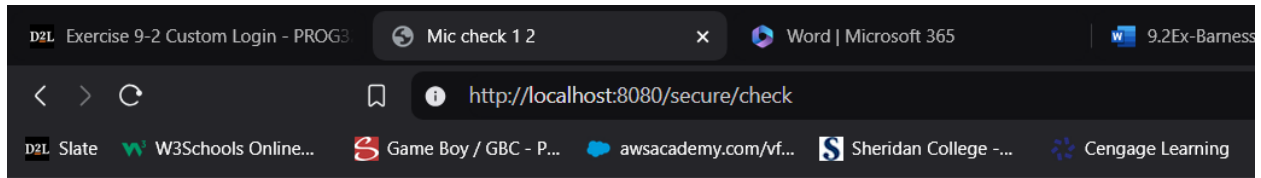
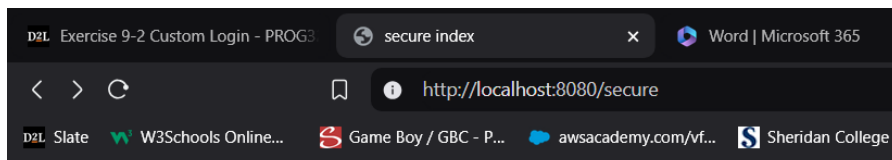


Secure/check when logged in as user:



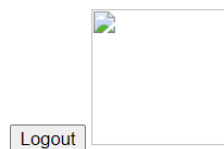
You have Access!

Secure as user:



This is a secured page!

[Back to home page](#)



Secure and secure/check as guest

Exercise 9-2 Custom Login - PROG3 login

< > ↻ http://localhost:8080/login

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Email:

Password:

[Back to home page](#)

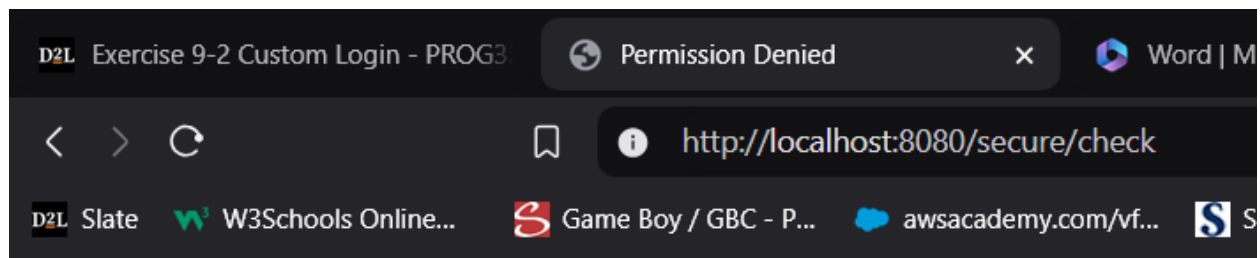
Exercise 9-2 Custom Login - PROG3 Permission Denied Word | Mi

< > ↻ http://localhost:8080/secure?continue

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Permission denied

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Permission denied

[Back to home page](#)

Logout

code:

```
15 @Configuration
16 @EnableWebSecurity
17 public class SecurityConfig {
18     @Bean
19     public UserDetailsService userDetailsService(PasswordEncoder passwordEncoder) {
20         UserDetails user = User.withUsername("tan.pham@sheridancollege.ca")
21             .password(passwordEncoder.encode("1234"))
22             .roles("USER")
23             .build();
24         UserDetails guest = User.withUsername("guest@guest.com")
25             .password(passwordEncoder.encode("password"))
26             .roles("GUEST")
27             .build();
28         return new InMemoryUserDetailsManager(user, guest);
29     }
30
31     @Bean
32     public SecurityFilterChain securityfilterChain(HttpSecurity http) throws Exception {
33         return http.authorizeHttpRequests(authorize -> authorize
34             .requestMatchers("/secure/**").hasRole("USER")
35             .requestMatchers("/", "/js/**", "/css/**", "/images/**", "/permission-denied").permitAll()
36             .requestMatchers("/**").denyAll()
37         )
38             .formLogin(form -> form.loginPage("/login").permitAll())
39             .exceptionHandling(exception -> exception.accessDeniedPage("/permission-denied"))
40             .logout(logout -> logout.permitAll())
41             .build();
42     }
43
44     @Bean
45     public PasswordEncoder passwordEncoder() {
46         PasswordEncoder encoder = NoOpPasswordEncoder.getInstance();
47         return encoder;
48     }
49
50 }
```

```
1 <!DOCTYPE html>
2 <html xmlns:th="http://www.thymeleaf.org">
3 <head>
4 <meta charset="UTF-8">
5 <title>index</title>
6 <link rel="stylesheet" type="text/css" media="all"
7 href="../../static/css/mycss.css" th:href="@{/css/mycss.css}" />
8 </head>
9 <body>
10 <h1>Hello Spring Security!</h1>
11 <p>This is an unsecured page, but you can access the secured pages after
12 authenticating.</p>
13 <p>Navigate to the secured pages by clicking
14 <a th:href="@{/secure}">here</a>.</p>
15 
17
18 </body>
19 </html>
```

```
1 package ca.sheridancollege.barnessp.controllers;
2
3+ import org.springframework.stereotype.Controller;
4
5 @Controller
6 public class HomeController {
7
8     @GetMapping("/")
9     public String index() {
10         return "index";
11     }
12
13     @GetMapping("/secure")
14     public String secureIndex() {
15         return "/secure/index";
16     }
17
18     @GetMapping("/login")
19     public String login() {
20         return "login";
21     }
22
23     @GetMapping("/permission-denied")
24     public String permissionDenied() {
25         return "/error/permission-denied";
26     }
27
28     @GetMapping("/secure/check")
29     public String check() {
30         return "/secure/check";
31     }
32 }
```

```
1 <!DOCTYPE html>
2 <html xmlns:th="http://www.thymeleaf.org">
3 <head>
4 <meta charset="UTF-8">
5 <title>login</title>
6 </head>
7 <body>
8 <form method="post" th:action="@{/login}">
9
10
11 <div th:if="${param.error}">
12 <div class="error">
13 Invalid credentials
14 </div>
15 </div>
16 <div th:if="${param.logout}">
17 <div class="success">
18 You have been logged out
19 </div>
20 </div>
21 Email:<input type="email" name="username" /><br>
22 Password:<input type="password" name="password" /><br>
23 <input type="submit" value="Log In" name="login-submit" />
24 </form>
25 <p><a th:href="@{/}">Back to home page</a></p>
26 </body>
27 </html>
```

```
1 <!DOCTYPE html>
2 <html xmlns:th="http://www.thymeleaf.org">
3 <head>
4 <meta charset="UTF-8">
5 <title>secure index</title>
6 <link rel="stylesheet" type="text/css" media="all"
7 href="../../static/css/mycss.css" th:href="@{/css/mycss.css}" />
8 </head>
9 <body>
10 <h1>This is a secured page!</h1>
11 <p><a th:href="@{/}">Back to home page</a></p>
12 <form method="post" th:action="@{/logout}">
13 <input type="submit" value="Logout" />
14 
16
17 </form>
18 </body>
19 </html>
```

