```
1 "C:\Users\win 10\.jdks\ms-21.0.7\bin\java.exe" "-javaagent:C:\
    Program Files\JetBrains\IntelliJ IDEA Community Edition 2025.1.
    3\lib\idea_rt.jar=60777" -Dfile.encoding=UTF-8 -Dsun.stdout.
    encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath "F:\
    Cognizant Digital Nurture\MySolutions\Cognizant Digital Nurture
     4.0 Weekly Submissions\week 4\New folder\hands on 4\spring-
    learn\target\classes;C:\Users\win 10\.m2\repository\org\
    springframework\boot\spring-boot-starter-web\3.5.3\spring-boot-
    starter-web-3.5.3.jar;C:\Users\win 10\.m2\repository\org\
    springframework\boot\spring-boot-starter\3.5.3\spring-boot-
    starter-3.5.3.jar;C:\Users\win 10\.m2\repository\org\
    springframework\boot\spring-boot-starter-logging\3.5.3\spring-
    boot-starter-logging-3.5.3.jar;C:\Users\win 10\.m2\repository\
    ch\qos\logback\logback-classic\1.5.18\logback-classic-1.5.18.
    jar;C:\Users\win 10\.m2\repository\ch\qos\logback\logback-core\
    1.5.18\logback-core-1.5.18.jar;C:\Users\win 10\.m2\repository\
    org\apache\logging\log4j\log4j-to-slf4j\2.24.3\log4j-to-slf4j-2
    .24.3.jar;C:\Users\win 10\.m2\repository\org\apache\logging\
    log4j\log4j-api\2.24.3\log4j-api-2.24.3.jar;C:\Users\win 10\.m2
    \repository\org\slf4j\jul-to-slf4j\2.0.17\jul-to-slf4j-2.0.17.
    jar;C:\Users\win 10\.m2\repository\jakarta\annotation\jakarta.
    annotation-api\2.1.1\jakarta.annotation-api-2.1.1.jar;C:\Users\
    win 10\.m2\repository\org\yaml\snakeyaml\2.4\snakeyaml-2.4.jar;
    C:\Users\win 10\.m2\repository\org\springframework\boot\spring-
    boot-starter-json\3.5.3\spring-boot-starter-json-3.5.3.jar;C:\
    Users\win 10\.m2\repository\com\fasterxml\jackson\datatype\
    jackson-datatype-jdk8\2.19.1\jackson-datatype-jdk8-2.19.1.jar;C
    :\Users\win 10\.m2\repository\com\fasterxml\jackson\datatype\
    jackson-datatype-jsr310\2.19.1\jackson-datatype-jsr310-2.19.1.
    jar;C:\Users\win 10\.m2\repository\com\fasterxml\jackson\module
    \jackson-module-parameter-names\2.19.1\jackson-module-parameter
    -names-2.19.1.jar;C:\Users\win 10\.m2\repository\org\
    springframework\boot\spring-boot-starter-tomcat\3.5.3\spring-
    boot-starter-tomcat-3.5.3.jar;C:\Users\win 10\.m2\repository\
    org\apache\tomcat\embed\tomcat-embed-core\10.1.42\tomcat-embed-
    core-10.1.42.jar;C:\Users\win 10\.m2\repository\org\apache\
    tomcat\embed\tomcat-embed-el\10.1.42\tomcat-embed-el-10.1.42.
    jar;C:\Users\win 10\.m2\repository\org\apache\tomcat\embed\
    tomcat-embed-websocket\10.1.42\tomcat-embed-websocket-10.1.42.
    jar;C:\Users\win 10\.m2\repository\org\springframework\spring-
    web\6.2.8\spring-web-6.2.8.jar;C:\Users\win 10\.m2\repository\
    org\springframework\spring-beans\6.2.8\spring-beans-6.2.8.jar;C
    :\Users\win 10\.m2\repository\io\micrometer\micrometer-
    observation\1.15.1\micrometer-observation-1.15.1.jar;C:\Users\
    win 10\.m2\repository\io\micrometer\micrometer-commons\1.15.1\
    micrometer-commons-1.15.1.jar;C:\Users\win 10\.m2\repository\
    org\springframework\spring-webmvc\6.2.8\spring-webmvc-6.2.8.jar
    ;C:\Users\win 10\.m2\repository\org\springframework\spring-
```

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1 context\6.2.8\spring-context-6.2.8.jar;C:\Users\win 10\.m2\
   repository\org\springframework\spring-expression\6.2.8\spring-
   expression-6.2.8.jar;C:\Users\win 10\.m2\repository\org\
   springframework\boot\spring-boot-devtools\3.5.3\spring-boot-
   devtools-3.5.3.jar;C:\Users\win 10\.m2\repository\org\
   springframework\boot\spring-boot\3.5.3\spring-boot-3.5.3.jar;C
   :\Users\win 10\.m2\repository\org\springframework\boot\spring-
   boot-autoconfigure\3.5.3\spring-boot-autoconfigure-3.5.3.jar;C
   :\Users\win 10\.m2\repository\org\slf4j\slf4j-api\2.0.17\slf4j-
   api-2.0.17.jar;C:\Users\win 10\.m2\repository\org\
   springframework\spring-core\6.2.8\spring-core-6.2.8.jar;C:\
   Users\win 10\.m2\repository\org\springframework\spring-jcl\6.2.
   8\spring-jcl-6.2.8.jar;C:\Users\win 10\.m2\repository\org\
   springframework\boot\spring-boot-starter-security\3.5.3\spring-
   boot-starter-security-3.5.3.jar;C:\Users\win 10\.m2\repository\
   org\springframework\spring-aop\6.2.8\spring-aop-6.2.8.jar;C:\
   Users\win 10\.m2\repository\org\springframework\security\spring
   -security-config\6.5.1\spring-security-config-6.5.1.jar;C:\
   Users\win 10\.m2\repository\org\springframework\security\spring
   -security-core\6.5.1\spring-security-core-6.5.1.jar;C:\Users\
   win 10\.m2\repository\org\springframework\security\spring-
   security-crypto\6.5.1\spring-security-crypto-6.5.1.jar;C:\Users
   \win 10\.m2\repository\org\springframework\security\spring-
   security-web\6.5.1\spring-security-web-6.5.1.jar;C:\Users\win
   10\.m2\repository\io\jsonwebtoken\jjwt-api\0.12.5\jjwt-api-0.12
   .5.jar;C:\Users\win 10\.m2\repository\io\jsonwebtoken\jjwt-impl
   \0.12.5\jjwt-impl-0.12.5.jar;C:\Users\win 10\.m2\repository\io\
   jsonwebtoken\jjwt-jackson\0.12.5\jjwt-jackson-0.12.5.jar;C:\
   Users\win 10\.m2\repository\com\fasterxml\jackson\core\jackson-
   databind\2.19.1\jackson-databind-2.19.1.jar;C:\Users\win 10\.m2
   \repository\com\fasterxml\jackson\core\jackson-annotations\2.19
   .1\jackson-annotations-2.19.1.jar;C:\Users\win 10\.m2\
   repository\com\fasterxml\jackson\core\jackson-core\2.19.1\
   jackson-core-2.19.1.jar" com.cognizant.spring_learn.
   SpringLearnApplication
2 2025-07-12T23:01:27.133+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.spring_learn.SpringLearnApplication  :
   Starting SpringLearnApplication using Java 21.0.7 with PID 2916
    (F:\Cognizant Digital Nurture\MySolutions\Cognizant Digital
   Nurture 4.0 Weekly Submissions\week 4\New folder\hands on 4\
   spring-learn\target\classes started by win 10 in F:\Cognizant
   Digital Nurture\MySolutions\Cognizant Digital Nurture 4.0
   Weekly Submissions\week 4\New folder\hands on 4\spring-learn)
3 2025-07-12T23:01:27.143+05:30 DEBUG 2916 --- [spring-learn] [
   restartedMain] c.c.spring_learn.SpringLearnApplication  :
   Running with Spring Boot v3.5.3, Spring v6.2.8
4 2025-07-12T23:01:27.146+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.spring_learn.SpringLearnApplication  : No
```

```
 4 active profile set, falling back to 1 default profile: "default
   "
 5 2025-07-12T23:01:30.214+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.s.security.SecurityConfig          : Start
   : passwordEncoder()
 6 2025-07-12T23:01:30.219+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.s.security.SecurityConfig          : Start
   : userDetailsService()
 7 2025-07-12T23:01:30.490+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.s.security.SecurityConfig          : End:
   userDetailsService()
 8 2025-07-12T23:01:30.504+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] r$InitializeUserDetailsManagerConfigurer :
   Global AuthenticationManager configured with UserDetailsService
    bean with name userDetailsService
 9 2025-07-12T23:01:30.572+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.s.security.SecurityConfig          : Start
   : authenticationManager()
10 2025-07-12T23:01:30.574+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.s.security.SecurityConfig          : End:
   authenticationManager()
11 2025-07-12T23:01:30.578+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.s.security.SecurityConfig          : Start
   : filterChain()
12 2025-07-12T23:01:30.607+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.s.security.JwtAuthorizationFilter   : Start
   : JwtAuthorizationFilter constructor
13 2025-07-12T23:01:30.607+05:30 DEBUG 2916 --- [spring-learn] [
   restartedMain] c.c.s.security.JwtAuthorizationFilter   :
   AuthenticationManager: org.springframework.security.
   authentication.ProviderManager@2eef0619
14 2025-07-12T23:01:30.610+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.s.security.JwtAuthorizationFilter   : End:
   JwtAuthorizationFilter constructor
15 2025-07-12T23:01:30.611+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.s.security.SecurityConfig          : End:
   filterChain()
16 2025-07-12T23:01:30.657+05:30 DEBUG 2916 --- [spring-learn] [
   restartedMain] o.s.s.web.DefaultSecurityFilterChain    : Will
   secure any request with filters: DisableEncodeUrlFilter,
   WebAsyncManagerIntegrationFilter, SecurityContextHolderFilter,
   HeaderWriterFilter, LogoutFilter, JwtAuthorizationFilter,
   BasicAuthenticationFilter, RequestCacheAwareFilter,
   SecurityContextHolderAwareRequestFilter,
   AnonymousAuthenticationFilter, ExceptionTranslationFilter,
   AuthorizationFilter
17 2025-07-12T23:01:31.241+05:30  INFO 2916 --- [spring-learn] [
   restartedMain] c.c.spring_learn.SpringLearnApplication  :
```

```
17 Started SpringLearnApplication in 4.946 seconds (process
   running for 5.828)
18 2025-07-12T23:01:31.251+05:30 DEBUG 2916 --- [spring-learn] [
   restartedMain] c.c.spring_learn.SpringLearnApplication   :
   SpringLearnApplication main method finished.
19 2025-07-12T23:01:37.992+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-1] o.s.security.web.FilterChainProxy        :
   Securing GET /authenticate
20 2025-07-12T23:01:38.004+05:30  INFO 2916 --- [spring-learn] [
   nio-8080-exec-1] c.c.s.security.JwtAuthorizationFilter    :
   Start: doFilterInternal()
21 2025-07-12T23:01:38.005+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-1] c.c.s.security.JwtAuthorizationFilter    :
   Authorization Header: Basic dXNlcjpwd2Q=
22 2025-07-12T23:01:38.202+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-1] o.s.s.a.dao.DaoAuthenticationProvider    :
   Authenticated user
23 2025-07-12T23:01:38.204+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-1] o.s.s.w.a.www.BasicAuthenticationFilter  : Set
    SecurityContextHolder to UsernamePasswordAuthenticationToken [
   Principal=org.springframework.security.core.userdetails.User [
   Username=user, Password=[PROTECTED], Enabled=true,
   AccountNonExpired=true, CredentialsNonExpired=true,
   AccountNonLocked=true, Granted Authorities=[ROLE_USER]],
   Credentials=[PROTECTED], Authenticated=true, Details=
   WebAuthenticationDetails [RemoteIpAddress=0:0:0:0:0:0:0:1,
   SessionId=846156193B862584C7A39B61CDF53E83], Granted
   Authorities=[ROLE_USER]]
24 2025-07-12T23:01:38.209+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-1] o.s.security.web.FilterChainProxy        :
   Secured GET /authenticate
25 2025-07-12T23:01:38.259+05:30  INFO 2916 --- [spring-learn] [
   nio-8080-exec-1] c.c.s.c.AuthenticationController         :
   Start: authenticate()
26 2025-07-12T23:01:38.259+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-1] c.c.s.c.AuthenticationController         :
   Authorization Header: Basic dXNlcjpwd2Q=
27 2025-07-12T23:01:38.259+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-1] c.c.s.c.AuthenticationController         :
   Start: getUser()
28 2025-07-12T23:01:38.262+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-1] c.c.s.c.AuthenticationController         :
   Decoded Credentials: user:pwd
29 2025-07-12T23:01:38.262+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-1] c.c.s.c.AuthenticationController         :
   Extracted User: user
30 2025-07-12T23:01:38.262+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-1] c.c.s.c.AuthenticationController         : End
```

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30  : getUser()
31  2025-07-12T23:01:38.262+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-1] c.c.s.c.AuthenticationController     :
    Authenticated User: user
32  2025-07-12T23:01:38.262+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-1] c.c.s.c.AuthenticationController     :
    Start: generateJwt() for user: user
33  2025-07-12T23:01:38.417+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-1] c.c.s.c.AuthenticationController     : End
    : generateJwt() - Token generated.
34  2025-07-12T23:01:38.419+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-1] c.c.s.c.AuthenticationController     :
    Generated JWT: eyJhbGciOiJIUzI1NiJ9.
    eyJzdWIiOiJ1c2VyIiwiaWF0IjoxNzUyMzQxNDk4LCJleHAiOjE3NTIzNDI2OTh
    9.fh-TAVa62yn7Na-ZcSnAeChEtJMg2m6wNJodihRu0Hg
35  2025-07-12T23:01:38.419+05:30  INFO 2916 --- [spring-learn] [
    nio-8080-exec-1] c.c.s.c.AuthenticationController     : End
    : authenticate()
36  2025-07-12T23:01:54.422+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-3] o.s.security.web.FilterChainProxy    :
    Securing GET /countries
37  2025-07-12T23:01:54.422+05:30  INFO 2916 --- [spring-learn] [
    nio-8080-exec-3] c.c.s.security.JwtAuthorizationFilter    :
    Start: doFilterInternal()
38  2025-07-12T23:01:54.422+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-3] c.c.s.security.JwtAuthorizationFilter    :
    Authorization Header: Bearer eyJhbGciOiJIUzI1NiJ9.
    eyJzdWIiOiJ1c2VyIiwiaWF0IjoxNzUyMzQxNDk4LCJleHAiOjE3NTIzNDI2OTh
    9.fh-TAVa62yn7Na-ZcSnAeChEtJMg2m6wNJodihRu0Hg
39  2025-07-12T23:01:54.423+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-3] c.c.s.security.JwtAuthorizationFilter    :
    Start: getAuthentication()
40  2025-07-12T23:01:54.494+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-3] c.c.s.security.JwtAuthorizationFilter    :
    User from JWT: user
41  2025-07-12T23:01:54.494+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-3] c.c.s.security.JwtAuthorizationFilter    :
    Authorities granted to user: [ROLE_USER]
42  2025-07-12T23:01:54.495+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-3] o.s.security.web.FilterChainProxy    :
    Secured GET /countries
43  2025-07-12T23:01:54.496+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-3] c.c.s.controller.CountryController    :
    Inside CountryController getAllCountries() method.
44  2025-07-12T23:01:54.817+05:30 DEBUG 2916 --- [spring-learn] [
    nio-8080-exec-3] c.cognizant.spring_learn.models.Country  :
    Inside Country Constructor.
45  2025-07-12T23:01:54.819+05:30 DEBUG 2916 --- [spring-learn] [
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45 nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country setCode() method. Setting code to: IN
46 2025-07-12T23:01:54.820+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country setName() method. Setting name to: India
47 2025-07-12T23:01:54.820+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country Constructor.
48 2025-07-12T23:01:54.820+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country setCode() method. Setting code to: US
49 2025-07-12T23:01:54.820+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country setName() method. Setting name to: United States
50 2025-07-12T23:01:54.821+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country Constructor.
51 2025-07-12T23:01:54.821+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country setCode() method. Setting code to: JP
52 2025-07-12T23:01:54.821+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country setName() method. Setting name to: Japan
53 2025-07-12T23:01:54.821+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country Constructor.
54 2025-07-12T23:01:54.821+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country setCode() method. Setting code to: DE
55 2025-07-12T23:01:54.821+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country setName() method. Setting name to: Germany
56 2025-07-12T23:01:54.824+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country Constructor.
57 2025-07-12T23:01:54.824+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country setCode() method. Setting code to: IN
58 2025-07-12T23:01:54.824+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country setName() method. Setting name to: India
59 2025-07-12T23:01:54.825+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.c.s.controller.CountryController        :
   Returning Countries: [Country [code=IN, name=India], Country [
   code=US, name=United States], Country [code=JP, name=Japan],
   Country [code=DE, name=Germany]]
60 2025-07-12T23:01:54.840+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
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60 Inside Country getCode() method.
61 2025-07-12T23:01:54.840+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country getName() method.
62 2025-07-12T23:01:54.840+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country getCode() method.
63 2025-07-12T23:01:54.840+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country getName() method.
64 2025-07-12T23:01:54.840+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country getCode() method.
65 2025-07-12T23:01:54.841+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country getName() method.
66 2025-07-12T23:01:54.842+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country getCode() method.
67 2025-07-12T23:01:54.842+05:30 DEBUG 2916 --- [spring-learn] [
   nio-8080-exec-3] c.cognizant.spring_learn.models.Country   :
   Inside Country getName() method.
68 2025-07-12T23:01:54.844+05:30  INFO 2916 --- [spring-learn] [
   nio-8080-exec-3] c.c.s.security.JwtAuthorizationFilter    :
   End: doFilterInternal()
69
70 Process finished with exit code 130
71
```