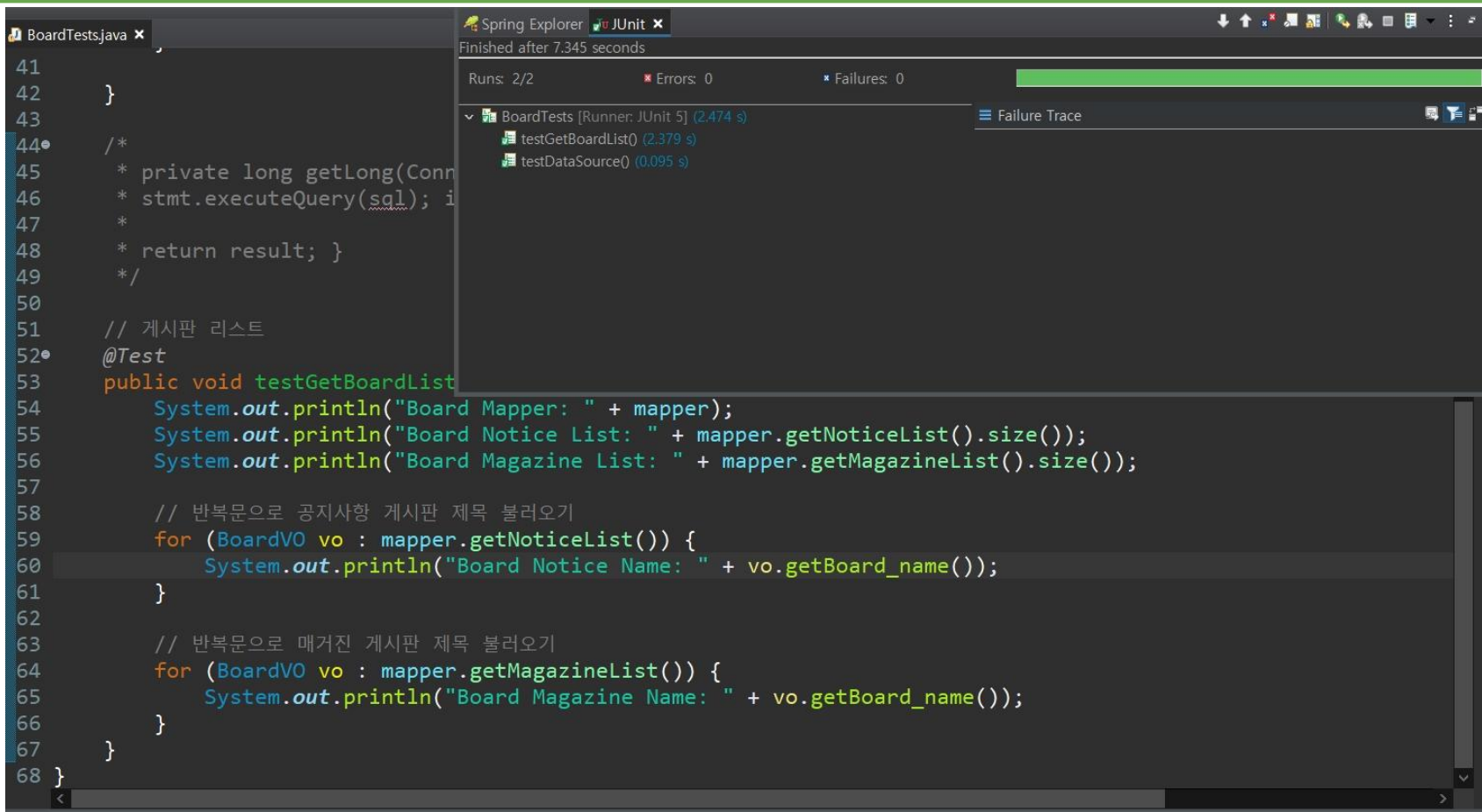

Tetleaf

단위 테스트



The screenshot shows an IDE with two main panels. The left panel displays the source code of `BoardTests.java`, and the right panel shows the JUnit test runner results.

Source Code (BoardTests.java):

```
41  
42 }  
43  
44 /*  
45  * private long getLong(Conn  
46  * stmt.executeQuery(sql); i  
47  *  
48  * return result; }  
49  */  
50  
51 // 게시판 리스트  
52 @Test  
53 public void testGetBoardList()  
54 {  
55     System.out.println("Board Mapper: " + mapper);  
56     System.out.println("Board Notice List: " + mapper.getNoticeList().size());  
57     System.out.println("Board Magazine List: " + mapper.getMagazineList().size());  
58  
59     // 반복문으로 공지사항 게시판 제목 불러오기  
60     for (BoardVO vo : mapper.getNoticeList()) {  
61         System.out.println("Board Notice Name: " + vo.getBoard_name());  
62     }  
63  
64     // 반복문으로 매거진 게시판 제목 불러오기  
65     for (BoardVO vo : mapper.getMagazineList()) {  
66         System.out.println("Board Magazine Name: " + vo.getBoard_name());  
67     }  
68 }
```

JUnit Runner Results:

Spring Explorer JUnit x
Finished after 7.345 seconds
Runs: 2/2 Errors: 0 Failures: 0

BoardTests [Runner: JUnit 5] (2.474 s)
testGetBoardList() (2.379 s)
testDataSource() (0.095 s)

Failure Trace

The screenshot shows an IDE with two main panels. The left panel displays the source code for `AdminTests.java`, and the right panel shows the JUnit test runner output.

Source Code (AdminTests.java):

```
26 • @Autowired
27 private DataSource ds;
28
29 • @Test
30 public void testDataSource()
31     System.out.println("Data
32
33     try (Connection conn = d
34         System.out.println("
35         assertThat(conn).isI
36     } catch (Exception e) {
37         e.printStackTrace();
38     }
39
40 }
41
42 // 관리자 리스트
43 • @Test
44 public void testGetAdminList() {
45     System.out.println("Admin Mapper: " + mapper);
46     System.out.println("Admin List: " + mapper.getAdminList().size());
47
48     // 반복문으로 관리자 리스트 불러오기
49     for (MbrVO vo : mapper.getAdminList()) {
50         System.out.println("Admin Member: " + vo);
51     }
52 }
53 }
```

JUnit Test Runner Output:

Spring Explorer JUnit x
Finished after 7.308 seconds

Runs: 2/2 Errors: 0 Failures: 0

AdminTests [Runner: JUnit 5] (2.315 s)

- testDataSource() (2.020 s)
- testGetAdminList() (0.295 s)

Failure Trace

The image shows a screenshot of an IDE with two main panels. The left panel displays the source code for `SellerTests.java`, and the right panel shows the JUnit test runner output.

Source Code (SellerTests.java):

```
26 • @Autowired
27 private DataSource ds;
28
29 • @Test
30 public void testDataSource()
31     System.out.println("Data
32
33     try (Connection conn = d
34         System.out.println("
35         assertThat(conn).isI
36     } catch (Exception e) {
37         e.printStackTrace();
38     }
39
40 }
41
42 // 판매자 리스트
43 • @Test
44 public void testGetSellerList() {
45     System.out.println("Seller Mapper: " + mapper);
46     System.out.println("Seller List: " + mapper.getSellerList().size());
47
48     // 반복문으로 판매자 리스트 불러오기
49     for (MbrVO vo : mapper.getSellerList()) {
50         System.out.println("Member: " + vo);
51     }
52 }
53 }
```

JUnit Test Runner Output:

Spring Explorer JUnit x
Finished after 6.915 seconds

Runs: 2/2 Errors: 0 Failures: 0

▼ SellerTests [Runner: JUnit 5] (1.828 s)

- testDataSource() (1.589 s)
- testGetSellerList() (0.239 s)

Failure Trace

The screenshot shows an IDE with two main panels. The left panel displays the source code for `MemberTests.java`, and the right panel shows the JUnit test runner output.

Source Code (MemberTests.java):

```
26 @Autowired
27 private DataSource ds;
28
29 @Test
30 public void testDataSource()
31     System.out.println("Data
32
33     try (Connection conn = d
34         System.out.println("
35         assertThat(conn).isI
36     } catch (Exception e) {
37         e.printStackTrace();
38     }
39
40 }
41
42 // 회원 리스트
43 @Test
44 public void testGetMemberList() {
45     System.out.println("Member Mapper: " + mapper);
46     System.out.println("Member List: " + mapper.getMemberList().size());
47
48     // 반복문으로 회원 리스트 불러오기
49     for (MbrVO vo : mapper.getMemberList()) {
50         System.out.println("Member: " + vo);
51     }
52 }
53 }
```

JUnit Test Runner Output:

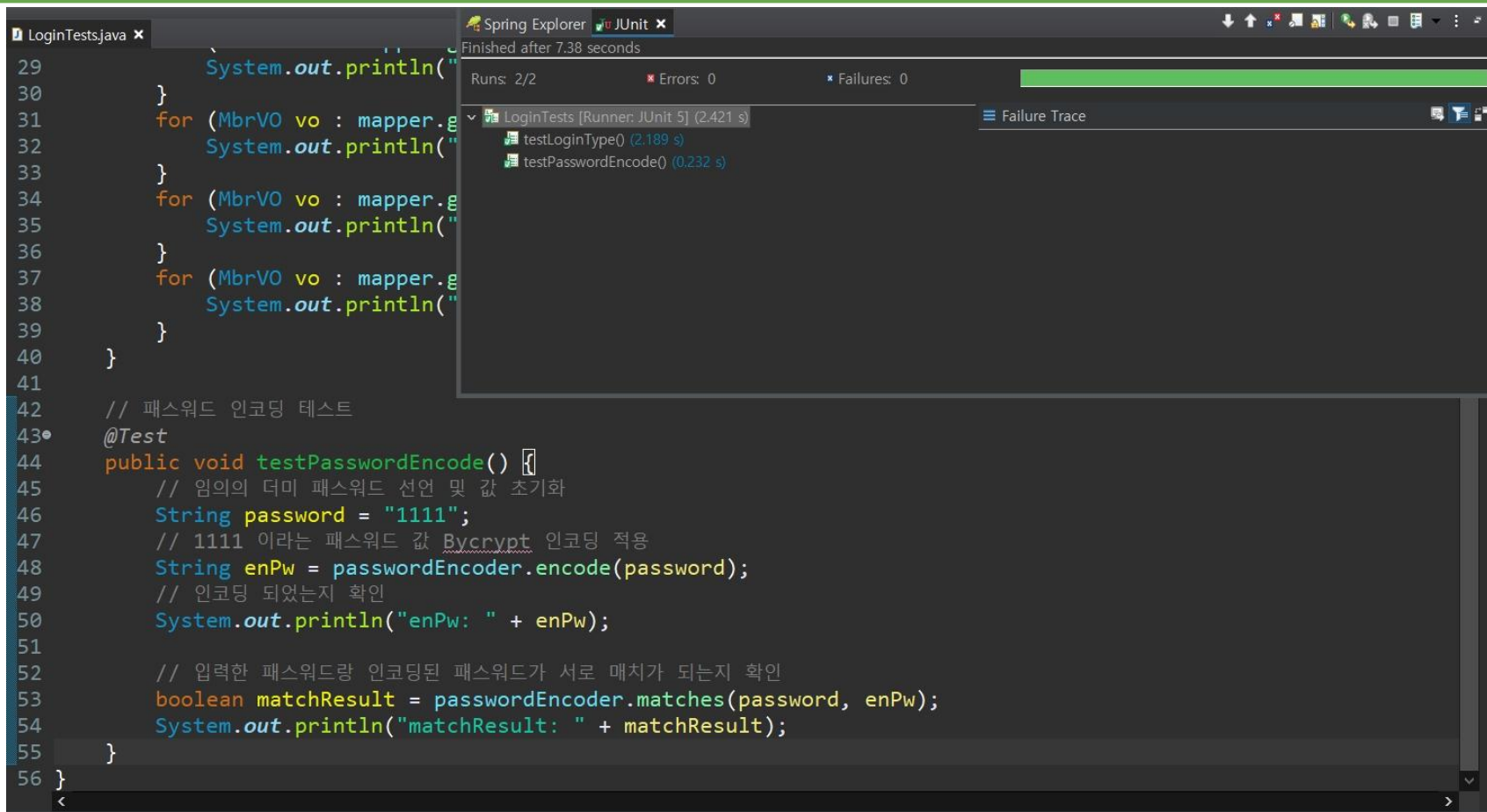
Spring Explorer JUnit x
Finished after 6.962 seconds

Runs: 2/2 Errors: 0 Failures: 0

MemberTests [Runner: JUnit 5] (2.029 s)

- testGetMemberList() (1.953 s)
- testDataSource() (0.076 s)

Failure Trace



The screenshot shows an IDE with two main panels. The left panel displays the source code of `LoginTests.java`, and the right panel shows the test execution results in the Spring Explorer.

Source Code (LoginTests.java):

```
29     System.out.println("...");
30 }
31 for (MbrVO vo : mapper.g...)
32     System.out.println("...");
33 }
34 for (MbrVO vo : mapper.g...)
35     System.out.println("...");
36 }
37 for (MbrVO vo : mapper.g...)
38     System.out.println("...");
39 }
40 }
41
42 // 패스워드 인코딩 테스트
43 @Test
44 public void testPasswordEncode() {
45     // 임의의 더미 패스워드 선언 및 값 초기화
46     String password = "1111";
47     // 1111 이라는 패스워드 값 Bycrypt 인코딩 적용
48     String enPw = passwordEncoder.encode(password);
49     // 인코딩 되었는지 확인
50     System.out.println("enPw: " + enPw);
51
52     // 입력한 패스워드랑 인코딩된 패스워드가 서로 매치가 되는지 확인
53     boolean matchResult = passwordEncoder.matches(password, enPw);
54     System.out.println("matchResult: " + matchResult);
55 }
56 }
```

Test Execution Results (Spring Explorer):

- Finished after 7.38 seconds
- Runs: 2/2
- Errors: 0
- Failures: 0
- Test Results:
 - testLoginType() (2.189 s)
 - testPasswordEncode() (0.232 s)

The screenshot shows an IDE with two main panels. The left panel displays the source code for `PrdctTests.java`, and the right panel shows the JUnit test runner output.

Source Code (PrdctTests.java):

```
26 @Autowired
27 private DataSource ds;
28
29 @Test
30 public void testDataSource()
31     System.out.println("Data
32
33     try (Connection conn = d
34         System.out.println("
35         assertThat(conn).isI
36     } catch (Exception e) {
37         e.printStackTrace();
38     }
39
40 }
41
42 // 상품 리스트
43 @Test
44 public void testGetPrdctList() {
45     System.out.println("Prdct Mapper: " + mapper);
46     System.out.println("Prdct List: " + mapper.getPrdctList().size());
47
48     // 반복문으로 상품 리스트 불러오기
49     for (PrdctVO vo : mapper.getPrdctList()) {
50         System.out.println("Prdct: " + vo);
51     }
52 }
53 }
```

JUnit Test Runner Output:

Spring Explorer JUnit x
Finished after 7.432 seconds

Runs: 2/2 Errors: 0 Failures: 0

PrdctTests [Runner: JUnit 5] (2.302 s)

- testGetPrdctList() (2.222 s)
- testDataSource() (0.080 s)

Failure Trace

The screenshot shows an IDE with two main panels. The left panel displays the source code for `DBConnectionTests.java`, and the right panel shows the Spring Explorer and JUnit test results.

Source Code (DBConnectionTests.java):

```

20 private DataSource ds;
21
22 // DataSource Connection 확인
23 @Test
24 public void testConnection() {
25     try (Connection conn = ds.getConnection()) {
26         System.out.println("DB Connection Success" + conn);
27     } catch (Exception e) {
28         System.out.println("DB Connection fail");
29         e.printStackTrace();
30     }
31 }
32 }

```

JUnit Test Results:

Spring Explorer JUnit x
 Finished after 6.842 seconds
 Runs: 1/1 Errors: 0 Failures: 0
 > DBConnectionTests [Runner: JUnit 5] (1.646) Failure Trace

Console Output:

```

<terminated> DBConnectionTests [JUnit] C:\Program Files\Zulu\zulu-15\bin\javaw.exe (2021.4.30. 오전 11:31:59 - 오전 11:32:08)

main] edu.bit.ex.service.DBConnectionTests : Starting DBConnectionTests using Java 15.0.1 on NMW-ThinkE14 with PID 996 (started
main] edu.bit.ex.service.DBConnectionTests : No active profile set, falling back to default profiles: default
main] trationDelegate$BeanPostProcessorChecker : Bean 'org.springframework.ws.config.annotation.DelegatingWsConfiguration' of type
main] .w.s.a.s.AnnotationActionEndpointMapping : Supporting [WS-Addressing August 2004, WS-Addressing 1.0]
main] edu.bit.ex.config.SecurityConfig : authorizeRequests >>>
main] o.s.s.web.DefaultSecurityFilterChain : Will secure Ant [pattern='/api/**'] with []
main] o.s.s.web.DefaultSecurityFilterChain : Will secure Ant [pattern='/resources/**'] with []
main] o.s.s.web.DefaultSecurityFilterChain : Will secure any request with [org.springframework.security.web.context.request.async
main] o.s.s.concurrent.ThreadPoolTaskExecutor : Initializing ExecutorService 'applicationTaskExecutor'
main] edu.bit.ex.service.DBConnectionTests : Started DBConnectionTests in 4.403 seconds (JVM running for 5.648)
main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...

```