

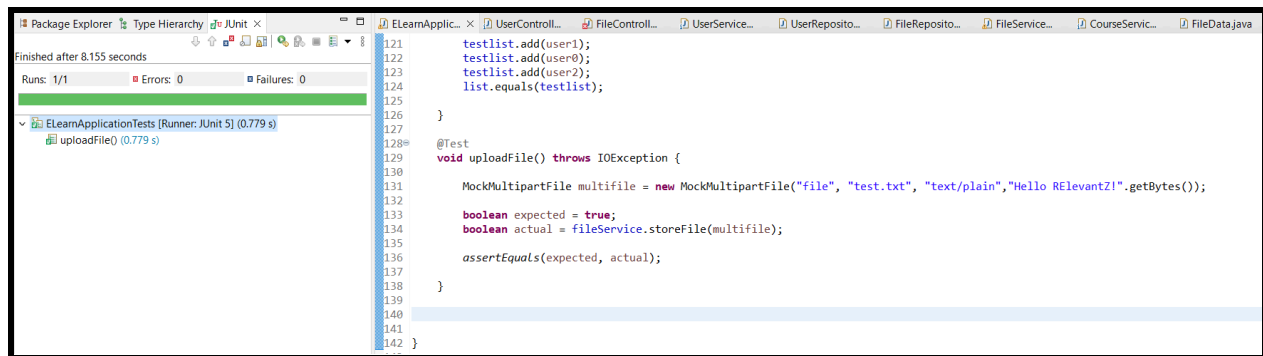
UserService :



The screenshot shows an IDE with the Package Explorer on the left and the Source Editor on the right. The Package Explorer displays the test results for `ELearnApplicationTests` (Runner: JUnit 5) with 7/7 runs, 0 errors, and 0 failures. The Source Editor shows the `UserController.java` file with the following code:

```
32 @Test
33 //Ignore
34 @Order(1)
35 User performRegister() {
36     User user = new User(14, "madhan@gmail.com", "madhan", "kumar", "RegisteredUser", "madhan123");
37     service.registerUser(user);
38     return user;
39 }
40
41 @Test
42 //Ignore
43 @Order(2)
44 void performLoginPass() {
45     User user = new User(15, "naga@gmail.com", "naga", "jeyanthan", "RegisteredUser", "naga123");
46     Login msg = new Login("Login Fail");
47     Login rs = service.loginUser(user);
48     rs.equals(msg);
49 }
50
51 @Test
52 //Ignore
53 @Order(3)
54 void performLoginFail() {
```

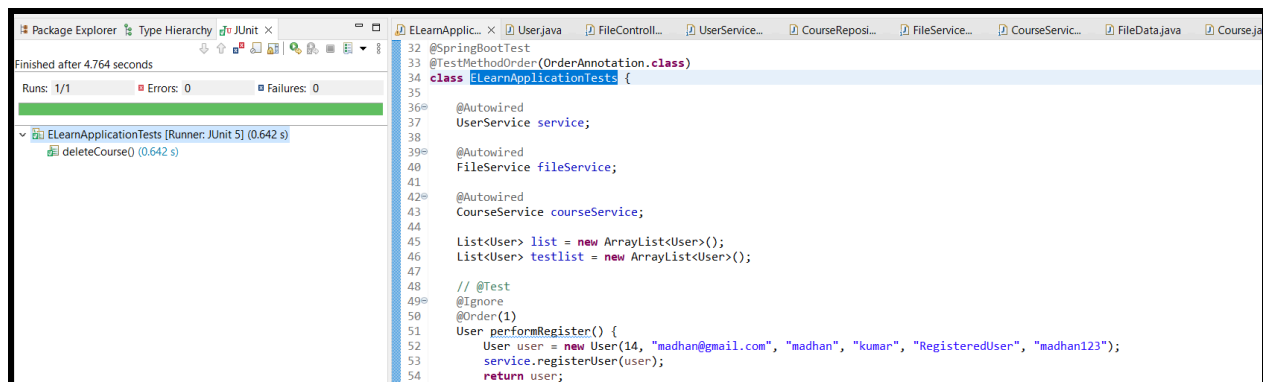
FileService :



The screenshot shows an IDE with the Package Explorer on the left and the Source Editor on the right. The Package Explorer displays the test results for `ELearnApplicationTests` (Runner: JUnit 5) with 1/1 runs, 0 errors, and 0 failures. The Source Editor shows the `FileService.java` file with the following code:

```
121 testlist.add(user1);
122 testlist.add(user0);
123 testlist.add(user2);
124 list.equals(testlist);
125
126 }
127
128 @Test
129 void uploadFile() throws IOException {
130
131     MockMultipartFile multifile = new MockMultipartFile("file", "test.txt", "text/plain", "Hello RElevantZI".getBytes());
132
133     boolean expected = true;
134     boolean actual = fileService.storeFile(multifile);
135
136     assertEquals(expected, actual);
137
138 }
139
140
141
142 }
```

CourseService :



The screenshot shows an IDE with the Package Explorer on the left and the Source Editor on the right. The Package Explorer displays the test results for `ELearnApplicationTests` (Runner: JUnit 5) with 1/1 runs, 0 errors, and 0 failures. The Source Editor shows the `CourseService.java` file with the following code:

```
32 @SpringBootTest
33 @TestMethodOrder(OrderAnnotation.class)
34 class ELearnApplicationTests {
35
36     @Autowired
37     UserService service;
38
39     @Autowired
40     FileService fileService;
41
42     @Autowired
43     CourseService courseService;
44
45     List<User> list = new ArrayList<User>();
46     List<User> testlist = new ArrayList<User>();
47
48     // @Test
49     // Ignore
50     @Order(1)
51     User performRegister() {
52         User user = new User(14, "madhan@gmail.com", "madhan", "kumar", "RegisteredUser", "madhan123");
53         service.registerUser(user);
54         return user;
```