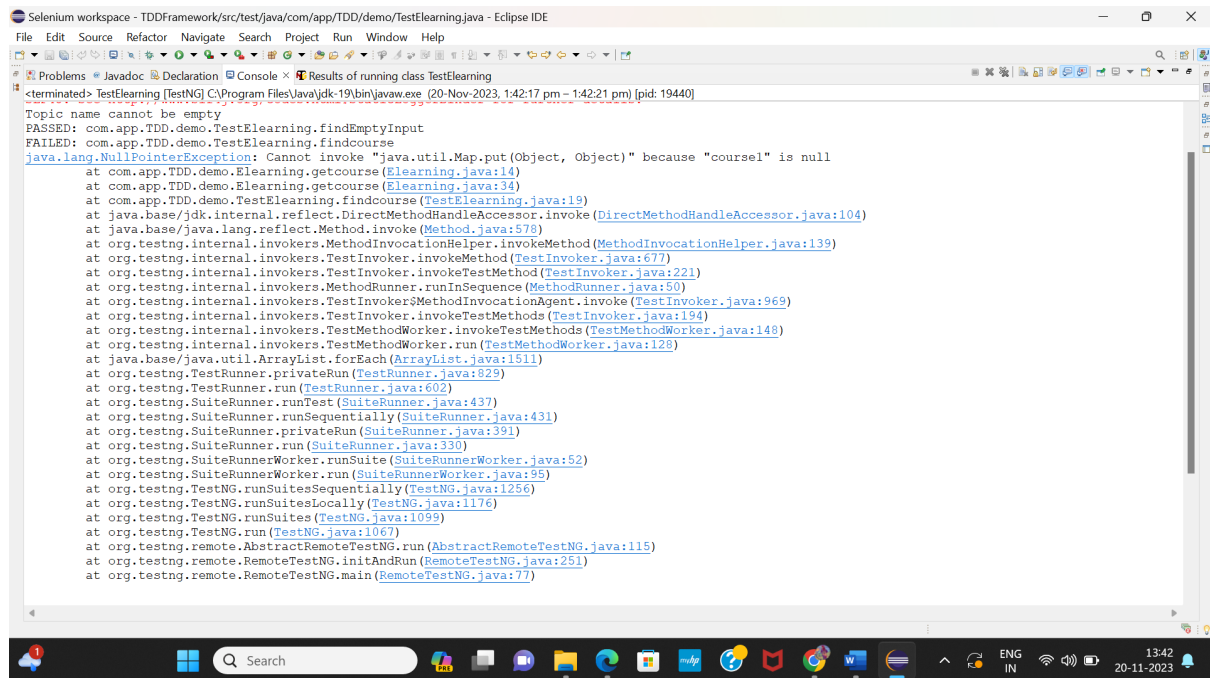
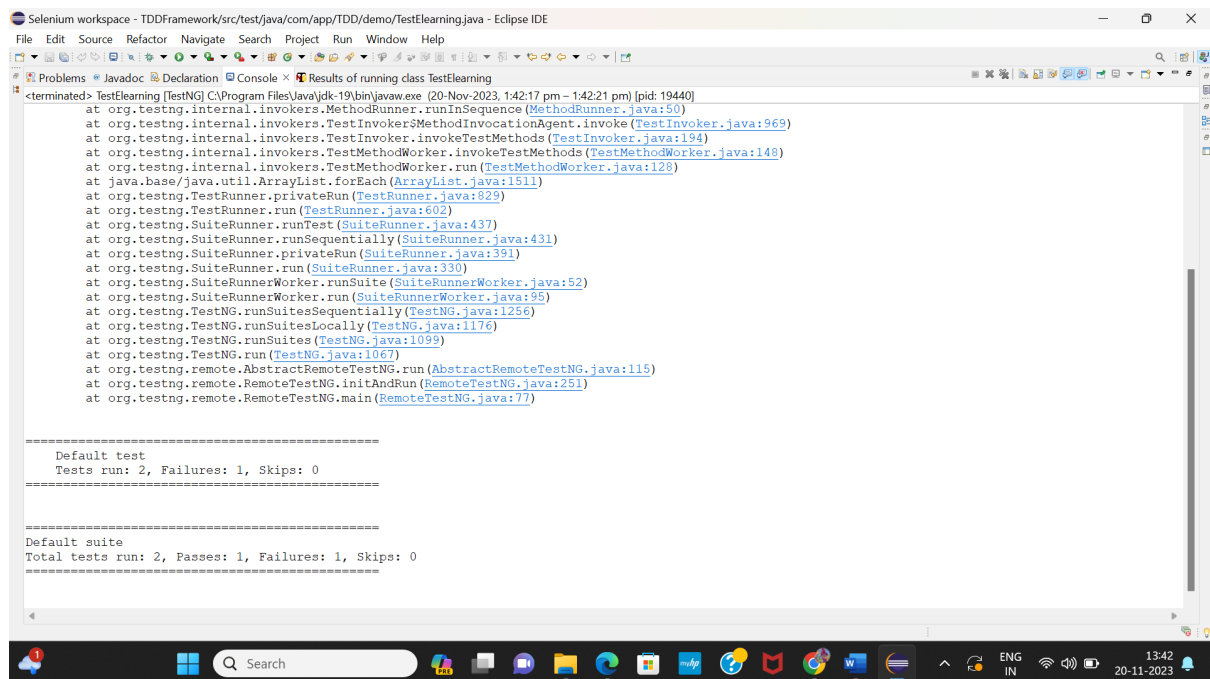


# To Develop an E-learning Application Using TDD with TestNG.

## Screenshot



```
Selenium workspace - TDDFramework/src/test/java/com/app/TDD/demo/TestElearning.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console Results of running class TestElearning
<terminated> TestElearning [TestNG] C:\Program Files\Java\jdk-19\bin\javaw.exe (20-Nov-2023, 1:42:17 pm - 1:42:21 pm) [pid: 19440]
Topic name cannot be empty
PASSED: com.app.TDD.demo.TestElearning.findEmptyInput
FAILED: com.app.TDD.demo.TestElearning.findcourse
java.lang.NullPointerException: Cannot invoke "java.util.Map.put(Object, Object)" because "course1" is null
    at com.app.TDD.demo.Elearning.getcourse(Elearning.java:14)
    at com.app.TDD.demo.Elearning.getcourse(Elearning.java:14)
    at com.app.TDD.demo.TestElearning.findcourse(TestElearning.java:19)
    at java.base/jdk.internal.reflect.DirectMethodHandleAccessor.invoke(DirectMethodHandleAccessor.java:104)
    at java.base/java.lang.reflect.Method.invoke(Method.java:578)
    at org.testng.internal.invokers.MethodInvocationHelper.invokeMethod(MethodInvocationHelper.java:139)
    at org.testng.internal.invokers.TestInvoker.invokeMethod(TestInvoker.java:677)
    at org.testng.internal.invokers.TestInvoker.invokeTestMethod(TestInvoker.java:221)
    at org.testng.internal.invokers.MethodRunner.runInSequence(MethodRunner.java:50)
    at org.testng.internal.invokers.TestInvoker$MethodInvocationAgent.invoke(TestInvoker.java:969)
    at org.testng.internal.invokers.TestInvoker.invokeTestMethods(TestInvoker.java:194)
    at org.testng.internal.invokers.TestMethodWorker.invokeTestMethods(TestMethodWorker.java:148)
    at org.testng.internal.invokers.TestMethodWorker.run(TestMethodWorker.java:128)
    at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
    at org.testng.TestRunner.privateRun(TestRunner.java:829)
    at org.testng.TestRunner.run(TestRunner.java:602)
    at org.testng.SuiteRunner.runTest(SuiteRunner.java:437)
    at org.testng.SuiteRunner.runSequentially(SuiteRunner.java:431)
    at org.testng.SuiteRunner.privateRun(SuiteRunner.java:391)
    at org.testng.SuiteRunner.run(SuiteRunner.java:330)
    at org.testng.SuiteRunnerWorker.runSuite(SuiteRunnerWorker.java:52)
    at org.testng.SuiteRunnerWorker.run(SuiteRunnerWorker.java:95)
    at org.testng.TestNG.runSuitesSequentially(TestNG.java:1256)
    at org.testng.TestNG.runSuitesLocally(TestNG.java:1176)
    at org.testng.TestNG.runSuites(TestNG.java:1099)
    at org.testng.TestNG.run(TestNG.java:1067)
    at org.testng.remote.AbstractRemoteTestNG.run(AbstractRemoteTestNG.java:115)
    at org.testng.remote.RemoteTestNG.initAndRun(RemoteTestNG.java:251)
    at org.testng.remote.RemoteTestNG.main(RemoteTestNG.java:77)
```



```
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    at org.testng.remote.RemoteTestNG.main(RemoteTestNG.java:77)

=====
Default test
Tests run: 2, Failures: 1, Skips: 0
=====

=====
Default suite
Total tests run: 2, Passes: 1, Failures: 1, Skips: 0
=====
```