## Outputs and Screenshots - Daranya Maniseharan - 7222079

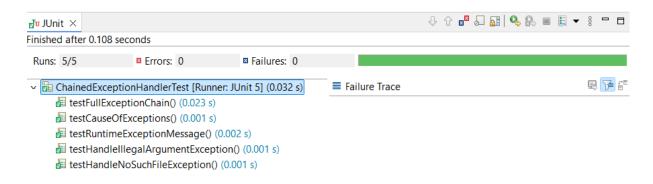
01. I've worked on ChainedExceptionHandler class, chaining the three exceptions NoSuchFileException, IllegalArgumentException, and RuntimeException.

I triggered an error which resulted in NoSuchFileException in the try block of the main and caught it in the catch block and passed it to the ChainedExceptionHandler class.

The output of running the main file in this scenario is as follows:

02. I've created the test file ChainedExceptionHandlerTest with 5 unit test cases for checking the ChainedExceptionHandler.

The output running this test file is as follows:



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    Problems @ Javadoc    Declaration    Search    □ Console ×

<terminated> ChainedExceptionHandlerTest (2) [JUnit] C:\Users\Smartzi_Daranya\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_23
Starting Test: testFullExceptionChain()
[DEBUG] Handling NoSuchFileException and chaining as IllegalArgumentException.
[DEBUG] Handling IllegalArgumentException and chaining as RuntimeException.
Finished Test: testFullExceptionChain()
Starting Test: testCauseOfExceptions()
[DEBUG] Handling NoSuchFileException and chaining as IllegalArgumentException.
Finished Test: testCauseOfExceptions()
Starting Test: testRuntimeExceptionMessage()
[DEBUG] Handling IllegalArgumentException and chaining as RuntimeException.
Finished Test: testRuntimeExceptionMessage()
Starting Test: testHandleIllegalArgumentException()
[DEBUG] Handling IllegalArgumentException and chaining as RuntimeException.
Finished Test: testHandleIllegalArgumentException()
Starting Test: testHandleNoSuchFileException()
[DEBUG] Handling NoSuchFileException and chaining as IllegalArgumentException.
Finished Test: testHandleNoSuchFileException()
```

03. I've combined my test file in our final test suite and ran the final tests, testing if the test suite is working fine with all the tests included.

The output from running the EnergyManagementTestSuite is as follows:

