

# Answer to Problem 7

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## 1 Testing the $\text{ab}^x$

The author of the function provided all the unit tests which were done using the JUnit library. Since we had a difference in the development environment, at first I was facing some issues with the JUnit library configuration. After resetting the configurations, JUnit worked correctly.

At first I individually ran the test cases for various types of input. They all passed. Finally, I ran the test class all together and that passed as well.

The IDE I was using was IntelliJ IDEA and I had JUnit 5 installed along with Juniper as dependencies. The OS I am using is MacOS 11.5.