

IT 314

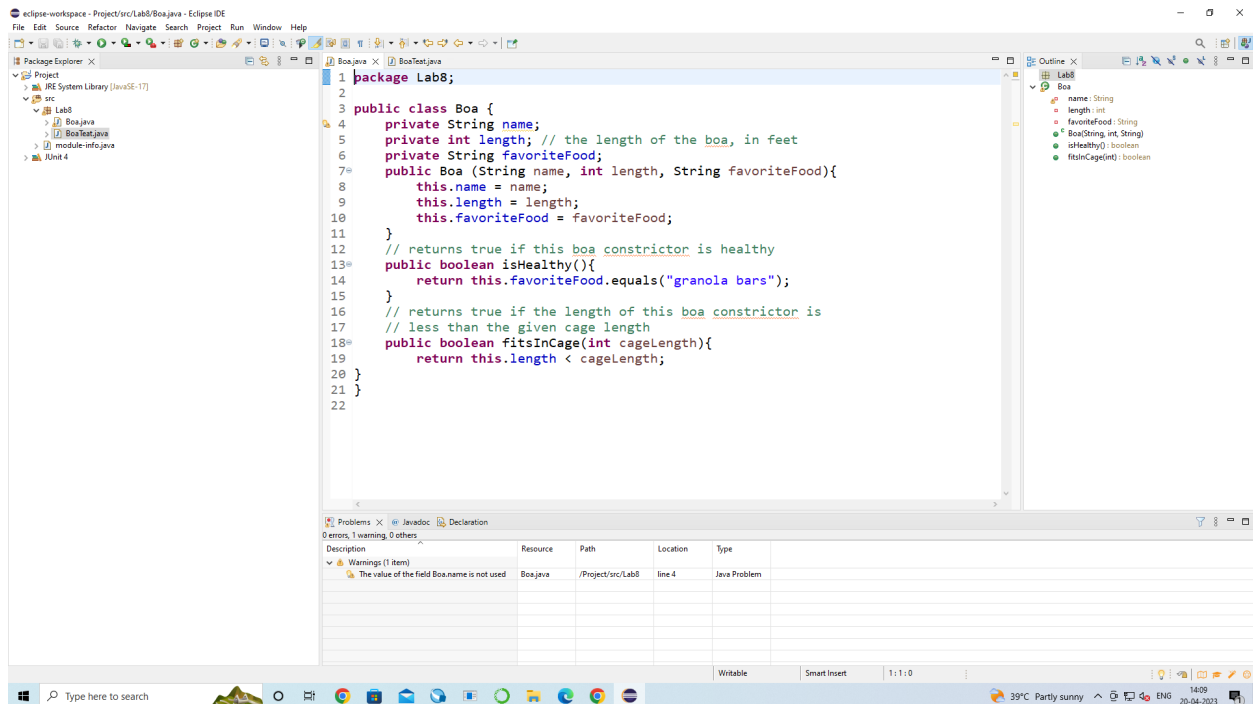
Software Engineering

Lab 8

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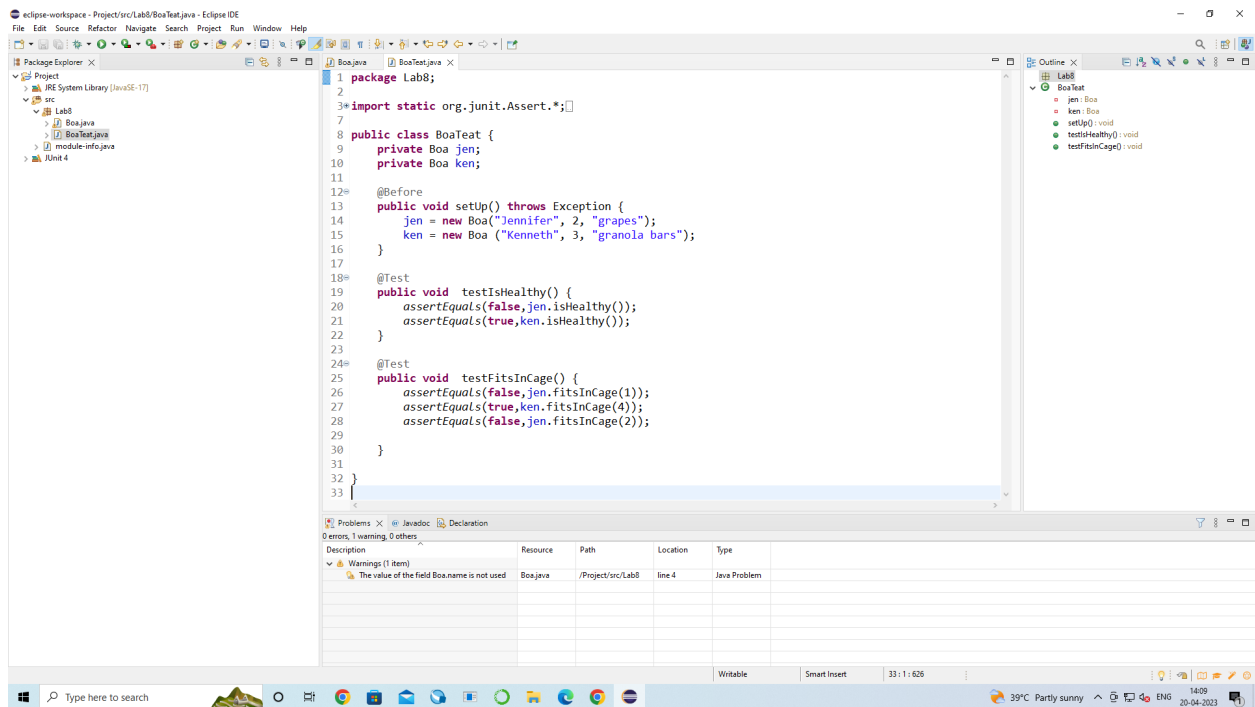
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- I created a new Java project in eclipse with the name Project and created a package inside it with the name Lab8.
- Then I created a class with the name Boa and then added the given code inside it.

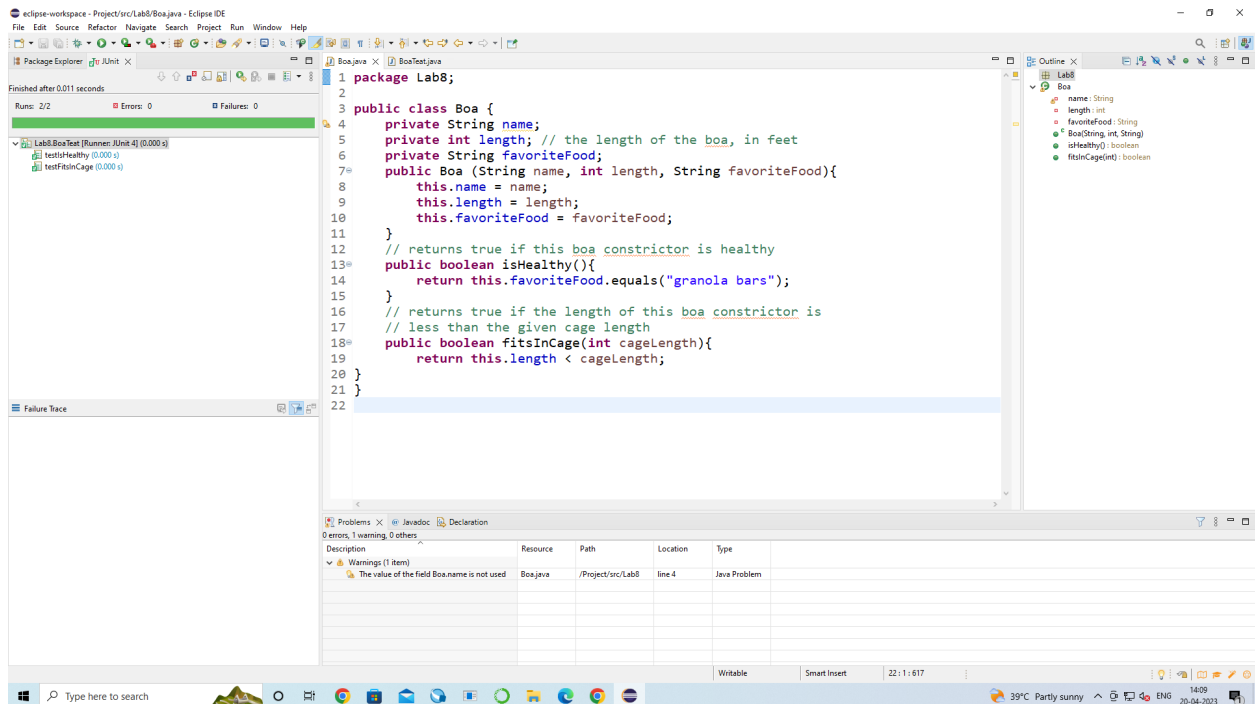


- Then I created a JUnit test file for the Boa Class with the name BoaTest.

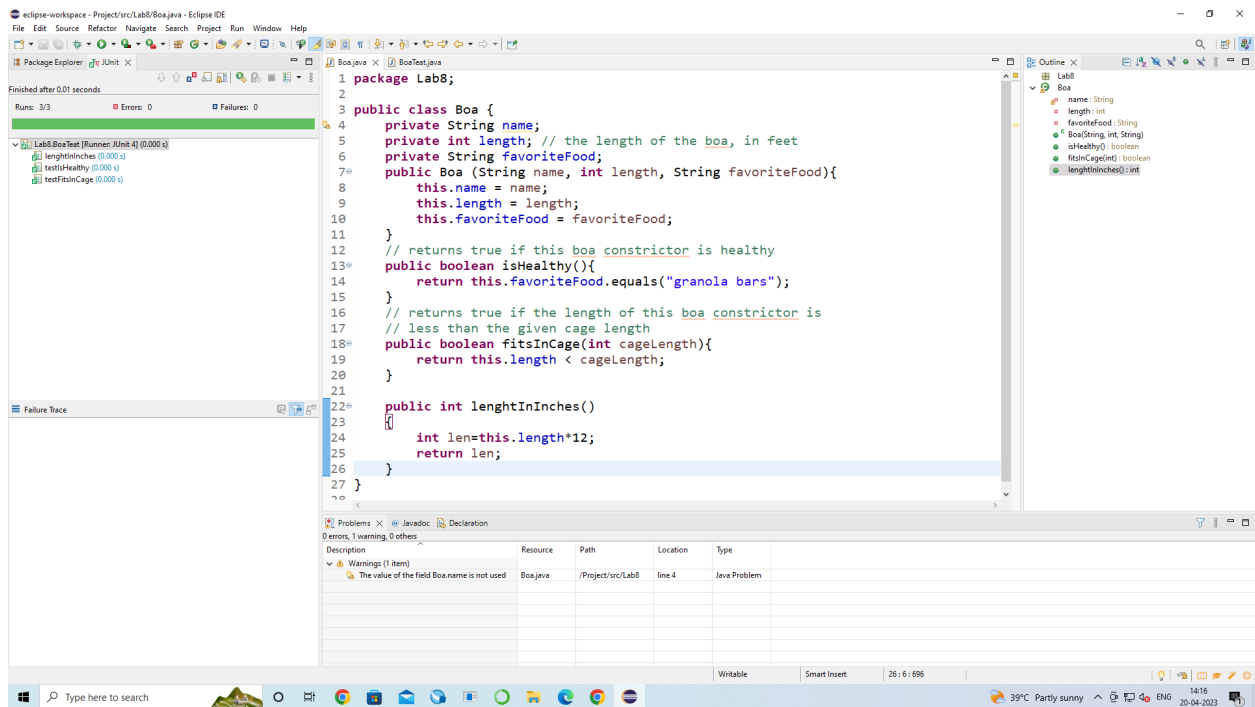
- Then I also implemented tests for the given two functions `testIsHealthy()` and `testFitsInCage()`.



- Then I ran the JUnit test file and all the tests were passed. There are no red bars in the output.



- Then I added a new method to the Boa class with name lenghtInInches() to get the length in inches.



As the length of the Boa is given in feet, to convert it into inches, I multiplied length with 12 and returned the value.

- Then I wrote another test case for this new method and ran the 3 test cases together.

