

This is a unit test class for the **Note** class.

The **Note** class is being tested to make sure that its constructor and setter methods work correctly. The **testConstructorWithoutArgs** method tests the constructor without any arguments, and it creates three instances of the **Note** class. It then checks that setting the **id** property on one of the instances does not affect the other instances, and that the **note** property is set correctly on one of the instances.

The **Assertions** class from the JUnit framework is used to perform the tests. It checks that the **id** property of **model2** is equal to 2, that the **note** property of **model1** is equal to "Hello world!", and that **model1** and **modelEqual** are equal in terms of their properties and hash codes.

This test ensures that the **Note** class functions correctly and is able to store and retrieve data correctly.