Source - <https://www.springboottutorial.com/spring-boot-unit-testing-and-mocking-with-mockito-and-junit>   
<https://medium.com/thefreshwrites/junit-and-mockito-in-spring-boot-38dcbf4b132f>

<https://www.youtube.com/watch?v=SvSr8bK6F94>

<https://www.youtube.com/watch?v=KYkEMuA50yE&t=3264s&sttick=0>  
<https://www.youtube.com/watch?v=aNCPy803rkI>

<https://www.youtube.com/watch?v=jN6coBcCcOk>

<https://www.youtube.com/watch?v=YcAC59cvcV0>

Mockito means cloning objects for testing and using dummy objects for testing  
  
request will not go to db for testing , it will go to Mockito.  
  
Mockito uses java Refelection in order to create objects for a given interface.

It’s a mocking framework and it is java -based library for unit testing of java applications.

Consider you are writing a Rest API, so for each of the APIs, we can write the test cases and test in the application before committing to our main API. In unit testing, we will mock the services, which means we will not call the database every time instead we will use the mockup data.

Mockito internally uses the Java reflection API to generate the mock objects. The main purpose of using the Mockito framework is to simplify development by mocking the external dependencies and using them in the test code. We can also use Mockito with other testing frameworks like JUnit and TestNG.