

Today's session : Unit Testing, JUnit, Mocking

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What is Unit Testing

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-> It is the process of testing unit amount of work

-> After completion of one component development it is the responsibility of the developer to perform unit testing of that component.

-> With the help of unit testing we can improve our code quality and we can provide bug free code to higher environments.

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-> JUnit is an open source framework which is used to perform Unit testing for java applications.

-> Junit framework provided several annotations to implement Unit Testing for java applications.

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-> The process of creating substitute/alternate object for the real object is called as mocking.

-> When our component is dependent on some other component then we can use mocking.

-> Our component is dependent on third party rest api. If third party rest api is down then we can't perform unit testing for our component in that scenario we can use mocking.

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Note: Mock objects will be used only in unit testing.

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