Phase 5 :

Day 1 : 03-09-2022

jUnit Testing : Phase 3 : jUnit5

Testing and development (devops)

TestNG

Selenium

Docker

CI and CD tool ie Jenkin

Overview of Kubernetes

Overview of AWS : Busket, EBS and EC2.

Test NG : Test NG is a open source testing framework inspired by jUnit and nUnit.

In Test NG ng means next generation. In Text Ng added more features.

Junit is to do unit testing

Test NG mainly use to testing for unit as well as integration testing.

1. Using Test NG we can generate the report in html or any other format.
2. It allow us to use parallel testing.
3. We can run group of test case as well as we can set the priority for the test.

TestNG Hook functions

Mock test with TestNG or jUnit5

Service layer always depends upon DAO layer

Dao layer depends upon resource layer

Resource layer depends upon database or external service.

Service layer want to do the mock or fake or proxy testing for Dao layer.

jMockito is a open source framework which help to provide the mocking mechanism.