**TestNG programs examples**

**6)Group Testing program using TestNGxml**

**GroupsTest.java:**

**package** testngtrail;

**import** org.testng.annotations.AfterTest;

**import** org.testng.annotations.BeforeTest;

**import** org.testng.annotations.Test;

@Test(groups="all") //denoting Test Annotation for class

**public** **class** GroupsTest {

@BeforeTest

**public** **void** login() {

System.***out***.println("login success");

}

@Test

**public** **void** addName() {

System.***out***.println("Name added success");

}

@Test(groups="age")

**public** **void** addAge() {

System.***out***.println("Age added success");

}

@Test(groups="city")

**public** **void** addCity() {

System.***out***.println("City added success");

}

@AfterTest

**public** **void** logout() {

System.***out***.println("logout success");

}

@Test

**public** **void** editName() {

System.***out***.println("Name edited success");

}

@Test(groups="age")

**public** **void** editAge() {

System.***out***.println("Age edited success");

}

@Test(groups="city")

**public** **void** editCity() {

System.***out***.println("City edited success");

}

}

1)XML file

<suite parallel=*"false"* name=*"Suite"*>

<test name=*"Test"*>

<groups>

<run>

<include name=*"all"*/>

<exclude name=*"age"*/>

</run>

</groups>

<classes>

<class name=*"testngtrail.GroupsTest"*/>

</classes>

</test> </suite>

**OUTPUT:**

[RemoteTestNG] detected TestNG version 7.4.0

login success

City added success

Name added success

City edited success

Name edited success

logout success

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Suite

Total tests run: 4, Passes: 4, Failures: 0, Skips: 0

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**2)XML file (group with in group)**

<suite parallel=*"false"* name=*"Suite"*>

<test name=*"Test"*>

<groups>

<define name=*"age"*>

<include name=*"city"*/>

</define>

<run>

<include name=*"age"*/>

</run>

</groups>

<classes>

<class name=*"testngtrail.GroupsTest"*/>

</classes>

</test>

</suite>

**Output:**

[RemoteTestNG] detected TestNG version 7.4.0

Age added success

City added success

Age edited success

City edited success

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Suite

Total tests run: 4, Passes: 4, Failures: 0, Skips: 0

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