

```
package TestNGKeywords;

import org.testng.Assert;
import org.testng.Reporter;
import org.testng.annotations.Test;

public class MyTestClass1 {

    @Test

    public void a()

    {

        //Assert.fail();

        Reporter.log("a is running", true);

    }

    @Test(groups = {"regression"})

    public void b()

    {

        Reporter.log("b is running regression", true);

    }

    @Test(groups = {"sanity"})

    public void c()

    {

        Reporter.log("c is running,sanity", true);

    }

    @Test(groups = {"regression"})

    public void d()

    {

        Reporter.log("d is running,regression", true);

    }

}
```

```
package TestNGKeywords;

import org.testng.Assert;
import org.testng.Reporter;
import org.testng.annotations.Test;
```

```

public class MyTestClass2 {
    @Test(groups = {"sanity"})
    public void p()
    {
        //Assert.fail();
        Reporter.log("p is running,sanity", true);
    }
    @Test(groups = {"regression"})
    public void q()
    {
        Reporter.log("q is running,regression", true);
    }
    @Test(groups = {"sanity"})
    public void r()
    {
        Reporter.log("r is running,sanity", true);
    }
    @Test(groups = {"regression"})
    public void s()
    {
        Reporter.log("s is running,regression", true);
    }
}

```

Grouping in xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="Suite">
    <test thread-count="5" name="Test">
        <groups>
            <run>
                <include name="sanity">
            </run>
        </groups>
        <classes>
            <class name="TestNGKeywords.MyTestClass1"/>
            <class name="TestNGKeywords.MyTestClass2"/>
        </classes>
    </test> <!-- Test -->
</suite> <!-- Suite -->

```

Serial and parallel execution

```
package ParallelAndSerialExecution;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
import org.openqa.selenium.remote.RemoteWebDriver;
```

```
import org.testng.annotations.Test;
```

```
public class MyClass1 {
```

```
    @Test
```

```
    public void myMethod()
```

```
    {
```

```
        System.setProperty("webdriver.chrome.driver", "D:\\Velocity\\Java Class\\26th  
March B\\Selenium\\chromedriver.exe");
```

```
        RemoteWebDriver driver= new ChromeDriver();
```

```
        driver.manage().window().maximize();
```

```
        driver.get("https://www.google.co.in/");
```

```
    }
```

```
}
```

```
package ParallelAndSerialExecution;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
import org.openqa.selenium.remote.RemoteWebDriver;
```

```
import org.testng.annotations.Test;
```

```
public class MyClass2 {
```

```
    @Test
```

```
    public void myMethod()
```

```
    {
```

```
        System.setProperty("webdriver.chrome.driver", "D:\\Velocity\\Java Class\\26th  
March B\\Selenium\\chromedriver.exe");
```

```
        RemoteWebDriver driver= new ChromeDriver();
```

```

        driver.manage().window().maximize();

        driver.get("https://kite.zerodha.com/");

    }

}

```

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="Suite">
<test thread-count="5" name="Test1">
    <classes>
        <class name="ParallelAndSerialExecution.MyClass1"/>
    </classes>
</test> <!-- Test -->

```

```

<test thread-count="5" name="Test2">
    <classes>
        <class name="ParallelAndSerialExecution.MyClass2"/>
    </classes>
</test>
</suite> <!-- Suite -->

```

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="Suite" parallel="tests">
<test name="Test1">
    <classes>
        <class name="ParallelAndSerialExecution.MyClass1"/>
    </classes>
</test> <!-- Test -->

```

```

<test name="Test2">
    <classes>
        <class name="ParallelAndSerialExecution.MyClass2"/>
    </classes>
</test>
</suite> <!-- Suite -->

```

testNgFailed.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="Failed suite [Default suite]" guice-stage="DEVELOPMENT">
<test thread-count="5" name="Default test(failed)">
    <classes>
        <class name="verificationUsingTestNG.VerifyRadioButton">
            <methods>
                <include name="myMethod"/>
            </methods>
        </class> <!-- verificationUsingTestNG.VerifyRadioButton -->
    </classes>
</test> <!-- Default test(failed) -->
</suite> <!-- Failed suite [Default suite] -->

```