Groups

```java
package ngclass;
import org.testng.annotations.Test;

public class groups {
    @Test(groups = "Functional testing")

    public void first()
    {
        System.out.println("first");
    }
    @Test(groups = "Regression testing")

    public void second()
    {
        System.out.println("Second");
    }
    @Test(groups="Functional testing")

    public void third()
    {
        System.out.println("third");
    }
    @Test

    public void four()
    {
        System.out.println("four");
    }
    @Test

    public void five()
    {
        System.out.println("five");
    }
}
```

```xml
<suite name="MyTestSuite">
  <test name="SmokeTests">
    <groups>
      <run>
        <include name="smoke"/>
      </run>
```

```
      </groups>
      <classes>
        <class name="SampleTest"/>
      </classes>
    </test>
</suite>
========================================================================
```

Dataprovider

```java
package ngclass;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.DataProvider;
import org.testng.annotations.Parameters;
import org.testng.annotations.Test;

public class parameter {
        @DataProvider(name = "lagin")
        public String[][] getdata()
        {
                String[][]data=new String[2][2];
                data[0][0]="Admin";
                data[0][1]="Admin123";
                data[1][0]="Nandhini";
                data[1][1]="Nandhii@123";
                return data;
        }

        @Test(dataProvider = "lagin")
        public void login(String username,String password)
        {


                System.setProperty("WebDriver.chrome.driver","driver/chromedriver.exe");
                WebDriver driver = new ChromeDriver();
//              maximize
                driver.manage().window().maximize();
                driver.get("https://www.saucedemo.com");
                WebElement usernameField = driver.findElement(By.id("user-name"));
                usernameField.sendKeys(username);

        // Find the password input field and enter "secret_sauce"
        WebElement passwordField = driver.findElement(By.id("password"));
        passwordField.sendKeys("password");
```

```
        // Find the login button and click it
        WebElement loginButton = driver.findElement(By.id("login-button"));
        loginButton.click();



    }
}
```

==

Parameter