**DATAPROVIDER**

**package** obj1;

**import** java.util.concurrent.TimeUnit;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

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

**import** org.openqa.selenium.firefox.FirefoxDriver;

**import** org.testng.Assert;

**import** org.testng.annotations.AfterClass;

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

**import** org.testng.annotations.DataProvider;

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

**public** **class** ParameterByDataProvider {

WebDriver driver;

@BeforeTest

**public** **void** setup(){

System.*setProperty*("webdriver.chrome.driver","D://chromedriver.exe");

driver= **new** ChromeDriver();

driver.manage().timeouts().implicitlyWait(10, TimeUnit.***SECONDS***);

driver.get("https://google.com");

}

@AfterClass

**public** **void** afterClass() {

driver.quit();

}

@Test(dataProvider="SearchProvider")

**public** **void** testMethod(String author,String searchKey) **throws** InterruptedException{

{

WebElement searchText = driver.findElement(By.*name*("q"));

searchText.sendKeys(searchKey);

System.***out***.println("Welcome ->"+author+" Your search key is->"+searchKey);

Thread.*sleep*(3000);

String testValue = searchText.getAttribute("value");

System.***out***.println(testValue +"::::"+searchKey);

searchText.clear();

Assert.*assertTrue*(testValue.equalsIgnoreCase(searchKey));

}

}

@DataProvider(name="SearchProvider")

**public** Object[][] getDataFromDataprovider(){

**return** **new** Object[][] {

{ "John", "Tiger" },

{ "Mary", "Rose" },

{ "Mark", "Dubai" },

{ "Matt", "Rayban" },

{ "Smith", "Audi" }

};

}}

**REPORT**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test** | **# Passed** | **# Skipped** | **# Failed** | **Time (ms)** | **Included Groups** | **Excluded Groups** |
| **Default suite** | | | | | | |
| [**Default test**](file:///D:\workspace\basic\test-output\emailable-report.html#t0) | 5 | 0 | 0 | 24,735 |  |  |

| **Class** | **Method** | **Start** | **Time (ms)** |
| --- | --- | --- | --- |
| **Default suite** | | | |
| **Default test — passed** | | | |
| obj1.ParameterByDataProvider | [**testMethod**](file:///D:\workspace\basic\test-output\emailable-report.html#m0) | 1498825383765 | 3156 |
| [**testMethod**](file:///D:\workspace\basic\test-output\emailable-report.html#m1) |
| [**testMethod**](file:///D:\workspace\basic\test-output\emailable-report.html#m2) |
| [**testMethod**](file:///D:\workspace\basic\test-output\emailable-report.html#m3) |
| [**testMethod**](file:///D:\workspace\basic\test-output\emailable-report.html#m4) |

**Default test**

**obj1.ParameterByDataProvider#testMethod**

|  |  |
| --- | --- |
| **Parameter #1** | **Parameter #2** |
| Smith | Audi |

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**obj1.ParameterByDataProvider#testMethod**

|  |  |
| --- | --- |
| **Parameter #1** | **Parameter #2** |
| Mary | Rose |

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**obj1.ParameterByDataProvider#testMethod**

|  |  |
| --- | --- |
| **Parameter #1** | **Parameter #2** |
| Matt | Rayban |

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**obj1.ParameterByDataProvider#testMethod**

|  |  |
| --- | --- |
| **Parameter #1** | **Parameter #2** |
| Mark | Dubai |

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**obj1.ParameterByDataProvider#testMethod**

|  |  |
| --- | --- |
| **Parameter #1** | **Parameter #2** |
| John | Tiger |

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