Data Driven Testing Using CSV File

```
SeleniumCompleteClass - SW - CSVFile/src/csvFileReading/CSVFileReading.java - Eclipse
 File Edit Source Refactor Navigate Search Project Run Window Help
Quick Access : 😭 🐉 🔠
 ‡ Package Explorer ⋈ 🖹 🔄 🐌 💆 🗆 🗎 📮 Console 🚺 CSVFileReading.java ⋈
                                                                                                                               - -
 > SeleniumExtentReports4 [ExtentReport4 master A
                                 4 import java.util.concurrent.TimeUnit;
                                                                                                                                    Selenium Gid
                                 6 import org.openqa.selenium.By;
                                                                                                                                    N
 > 🕍 SW - ApachePOI [Selenium-ApachePOI master
                                 7 import org.openqa.selenium.WebDriver;
 > 😝 SW - Assertions [Selenium-Asserts-Concepts m
> 😝 SW - CheckBox Concepts [Selenium-CheckBox
                                 8 import org.openga.selenium.chrome.ChromeDriver;
                                 9 import org.testng.annotations.AfterMethod;
  SW - Commands [Selenium-Commands maste
                               10 import org.testng.annotations.BeforeTest;
11 import org.testng.annotations.Test;
12

✓ ☐ > SW - CSVFile [Selenium-CSV-File master]

    JRE System Library [JavaSE-1.8]
   13 import au.com.bytecode.opencsv.CSVReader;
                                15 public class CSVFileReading {
   selenium-server-standalone-3.141.59.jar
opencsv-2.3.jar - D:\Selenium\CSV File
                                17
                                       String CsvPath = "./CSV TestData/CSVfile1.csv";
                                       WebDriver driver;
   > M TestNG

→ CSV TestData

GSVfile1.csv
                                 19
 > 😂 > test-output
> 😂 > SW - DDT Concepts [Selenium-DataDrivenTes
> 😂 > SW - DropDown Concepts [Selenium-DropDo
                                       public void setup() throws Exception {
                                 21
                                          > 📂 SW - FileUpload
  SW - Finding Broken Links and Images

SW - Frames Concepts [Selenium-Fra
                                           driver.manage().window().maximize():
                                 25
                                           driver.manage().timeouts().implicitlyWait(20, TimeUnit.SECONDS);
 > 🔛 SW - HeadLess Browser In Selenium
                                           driver.get("http://only-testing-blog.blogspot.com/2014/05/form.html");
  SW - Implicit Explicit Fluent
SW - LaunchAllBrowsers [Selenium-LaunchAllB
                                 29
  SW - Locators [Selenium-Locators-Concepts
                                 300
  SW - Mouse Hover Action
SW - ObjectRepository Concepts [Selenium-(
                                       public void locatorsTestingBlog() throws Exception {
                                           CSVReader reader = new CSVReader(new FileReader(CsvPath));
String[] csvCell;
                                32
  SW - Radio Buttons Concepts [Selenium-Radio
 SW - ScreenShots On Failure TestCase Concept: > 34
                                           while ((csvCell = reader.readNext()) != null) {
                                                                                   Smart Insert 17:37
^ ■ /( 4)) ENG 18:26 ■
package csvFileReading;
import java.io.FileReader;
import java.util.concurrent.TimeUnit;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;
import au.com.bytecode.opencsv.CSVReader;
public class CSVFileReading {
          String CsvPath = "./CSV TestData/CSVfile1.csv";
          WebDriver driver;
          @BeforeTest
          public void setup() throws Exception {
                    System.setProperty("webdriver.chrome.driver",
                    "D:\\Selenium\\Selenium Browsers Jars\\Chrome 84\\chromedriver.exe");
                    driver = new ChromeDriver();
                    driver.manage().window().maximize();
                    driver.manage().timeouts().implicitlyWait(20, TimeUnit.SECONDS);
                    driver.get("http://only-testing-blog.blogspot.com/2014/05/form.html");
          }
```

```
@Test
      public void locatorsTestingBlog() throws Exception {
             CSVReader reader = new CSVReader(new FileReader(CsvPath));
             String[] csvCell;
             while ((csvCell = reader.readNext()) != null) {
                   String FName = csvCell[0];
                   String LName = csvCell[1];
                   String Email = csvCell[2];
                   String MNumb = csvCell[3];
                   String CName = csvCell[4];
                   driver.findElement(By.name("FirstName")).sendKeys(FName);
                   driver.findElement(By.name("LastName")).sendKeys(LName);
                   driver.findElement(By.name("EmailID")).sendKeys(Email);
                   driver.findElement(By.name("MobNo")).sendKeys(MNumb);
                   driver.findElement(By.name("Company")).sendKeys(CName);
                   Thread.sleep(8000);
      driver.findElement(By.xpath("//input[contains(@type,'submit')]")).click();
                   Thread.sleep(8000);
                   driver.switchTo().alert().accept();
             reader.close();
      }
      @AfterMethod
      public void tearDown() {
             driver.quit();
      }
}
```