

```
1 package dataprovider.demo;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.Keys;
5 import org.openqa.selenium.WebDriver;
6 import org.openqa.selenium.WebElement;
7 import org.openqa.selenium.chrome.ChromeDriver;
8 import org.testng.annotations.AfterMethod;
9 import org.testng.annotations.BeforeMethod;
10 import org.testng.annotations.DataProvider;
11 import org.testng.annotations.Test;
12
13 public class DataProviderDemo {
14
15     WebDriver driver;
16
17     @DataProvider(name = "testData")
18     public Object[][] dataProvFunc() {
19         return new Object[][] { { "Selenium" }, { "TestNG" } };
20     }
21
22     @BeforeMethod
23     public void setUp() {
24
25         System.out.println("Start the test");
26         System.setProperty("webdriver.chrome.driver", "./Drivers/chromedriver.exe");
27         driver = new ChromeDriver();
28         driver.get("https://www.bing.com/");
29         driver.manage().window().maximize();
30
31     }
32
33     // Passing the dataProvider to the test method through @Test annotation
34     @Test(dataProvider = "testData")
35     public void search(String keyword) {
36         WebElement textBox = driver.findElement(By.id("sb_form_q"));
37         textBox.sendKeys(keyword);
38         System.out.println("Keyword entered is : " + keyword);
39         textBox.sendKeys(Keys.ENTER);
40         System.out.println("Search result is displayed.");
41     }
42
43     @AfterMethod
44     public void burnDown() {
45         driver.quit();
46
47         System.out.println("End the test");
48     }
49
50     /*In the above example, I am passing two search keywords, viz "Selenium" and "TestNG" to
51     the test method
52     * using the DataProvider method.
53     */
54 }
55
```