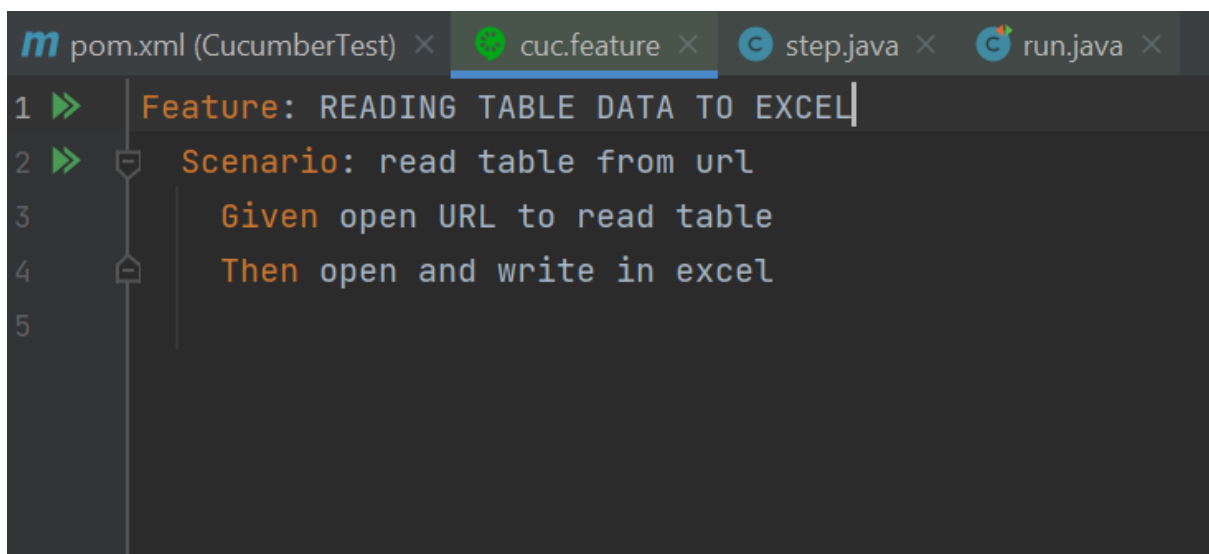
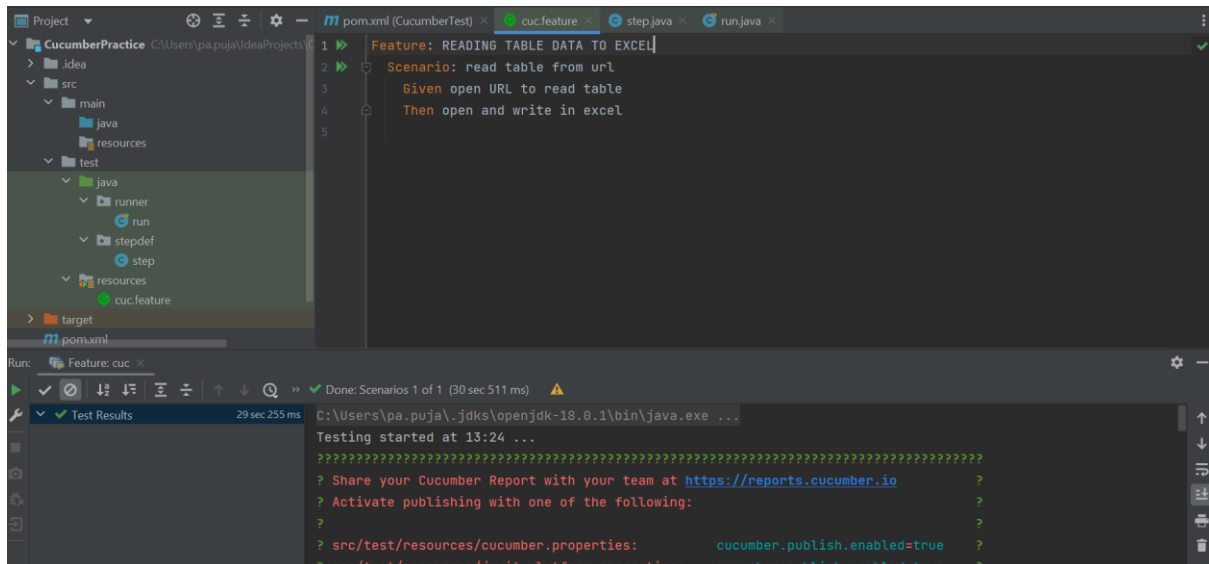


ASSIGNMENT-1 [SELENIUM WITH BDD] (WEDNESDAY) 29-06-22

1. Launch url https://www.w3schools.com/html/tryit.asp?filename=tryhtml_table_intro
2. Read the table from the webpage and write it into excel.
3. Wednesday - complete on selenium bdd.



STEP DEFINITION FILE

```
package stepdef;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import java.io.File;
import java.io.FileOutputStream;
import java.io.IOException;
import java.util.List;

import org.apache.poi.xssf.usermodel.XSSFRow;
```

```

import org.apache.poi.xssf.usermodel.XSSFSheet;
import org.apache.poi.xssf.usermodel.XSSFWorkbook;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

import static java.lang.Thread.sleep;

public class step{
    WebDriver driver;
    @Given("open URL to read table")
    public void open_url_to_read_table() throws InterruptedException {
        System.setProperty("webdriver.chrome.driver",
"C:\\Users\\pa.puja\\Downloads\\chromedriver_win32\\chromedriver.exe");
        driver = new ChromeDriver();

driver.get("https://www.w3schools.com/html/tryit.asp?filename=tryhtml_table_intro");
        driver.manage().window().maximize();
        sleep(3000);

        WebElement iframe = driver.findElement(By.id("iframeResult"));
        driver.switchTo().frame(iframe);

    }

    @Then("open and write in excel")
    public void open_and_write_in_excel() throws IOException {
        File file = new
File("C:\\Users\\pa.puja\\Desktop\\tableData.xlsx");
        XSSFWorkbook wb = new XSSFWorkbook();
        XSSFSheet sh = wb.createSheet("W3SCHOOLS TABLE");
        WebElement table = driver.findElement(By.xpath("//table"));
        List<WebElement> totalRows = table.findElements(By.tagName("tr"));
        List<WebElement> totalHeaders =
table.findElements(By.tagName("th"));
        System.out.println(totalHeaders.size());

        for(int row=0; row<totalRows.size(); row++)
        {
            XSSFRow rowValue = sh.createRow(row);
            List<WebElement> totalColumns =
totalRows.get(row).findElements(By.tagName("td"));
            for(int col=0; col<totalColumns.size(); col++)
            {
                String cellValue = totalColumns.get(col).getText();
                System.out.print(cellValue + "\t");
                rowValue.createCell(col).setCellValue(cellValue);
            }
            System.out.println();
        }
        FileOutputStream fos = new FileOutputStream(file);
        wb.write(fos);
        wb.close();
    }
}

```

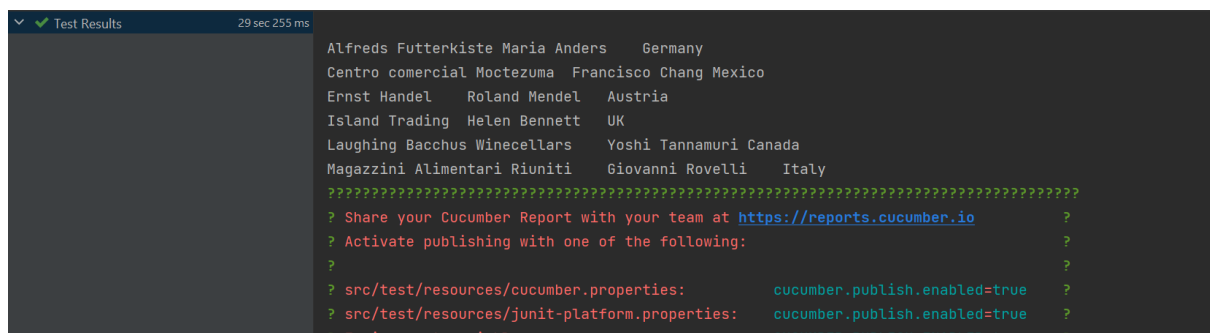
RUNNER CLASS

```
package runner;
import io.cucumber.junit.CucumberOptions;
import io.cucumber.testng.AbstractTestNGCucumberTests;

@CucumberOptions(
    features = "src/test/resources/cuc.feature",
    glue = {"step"},
    tags = "@Test"
)

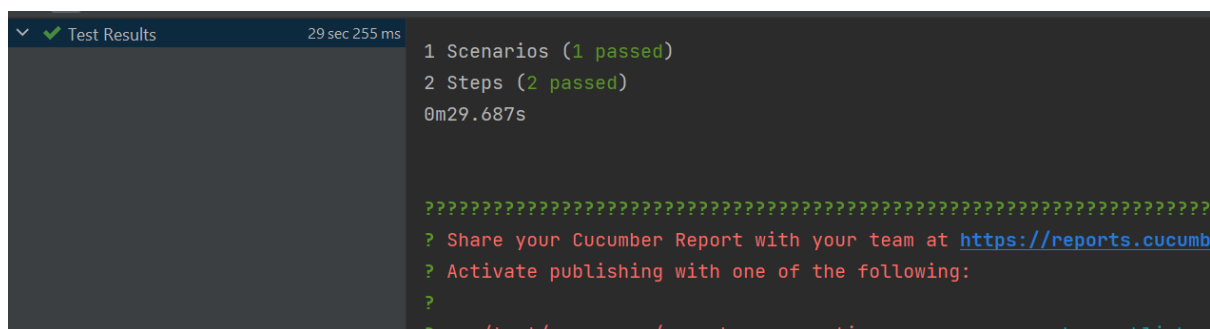
public class run extends AbstractTestNGCucumberTests{
}
```

RESULTS



Test Results 29 sec 255 ms

```
Alfreds Futterkiste Maria Anders Germany
Centro comercial Moctezuma Francisco Chang Mexico
Ernst Handel Roland Mendel Austria
Island Trading Helen Bennett UK
Laughing Bacchus Winecellars Yoshi Tannamuri Canada
Magazzini Alimentari Riuniti Giovanni Rovelli Italy
????????????????????????????????????????????????????????????????????????????????????
? Share your Cucumber Report with your team at https://reports.cucumber.io ?
? Activate publishing with one of the following: ?
? ?
? src/test/resources/cucumber.properties: cucumber.publish.enabled=true ?
? src/test/resources/junit-platform.properties: cucumber.publish.enabled=true ?
? Environment variables: CUCUMBER_PUBLISH_ENABLED=true ?
```



Test Results 29 sec 255 ms

```
1 Scenarios (1 passed)
2 Steps (2 passed)
0m29.687s

????????????????????????????????????????????????????????????????????????????????????
? Share your Cucumber Report with your team at https://reports.cucumb
? Activate publishing with one of the following:
?
? src/test/resources/cucumber.properties: cucumber.publish.s
```