Reading Data from an Excel Sheet

- Create an Excel, enter the data, and Save it in a particular location.

- Create a Project.

- Open Eclipse -> File -> New -> Java Project.

- Create a class.

- Right-click on src (default package) -> New -> Class.

- Load the file and specify the path in it:

     FileInputStream obj = new FileInputStream ("Path of the excel sheet")

- Load the Workbook:

    Workbook obj1 = WorkbookFactory.create(obj);

- Load the Sheet:

        Sheet obj2 = obj1.getSheet("Sheet1");

- Specify which row you want to read:

Row obj3 = obj2.getRow(1);

- Specify which column to read and the data type:

        Cell obj4 = obj3.getCell(0);

        String st = obj4.getStringCellValue();

- Code in Eclipse will look like this:

```
//Load the file
FileInputStream fis = new FileInputStream("/home/ubuntu/Desktop/Testdata.xlsx");
//Load the Workbook
Workbook wb = WorkbookFactory.create(fis);
//Load Sheet
Sheet sh = wb.getSheet("Sheet1");
//Specify which row you want to read
Row rw = sh.getRow(1);
//Specify which cell want to read and which data type
Cell cel = rw.getCell(0);
 String st = cel.getStringCellValue();
 System.out.println("Username is"+ st);
```

write the data in an Excel sheet

- Create an Excel file, enter the data, and save it in a particular location.

- Create a Project.

- Open Eclipse -> File -> New -> Java Project.

- Create a class.

- Right-click on src (default package) -> New -> Class.

- Load the file and specify the path in it.

   FileInputStream obj = new FileInputStream ("Path of the excel sheet")

- Load the Workbook.

   Workbook obj1 = WorkbookFactory.create(obj);

- Load the Sheet.

    Sheet obj2 = obj1.getSheet("Sheet1");

- Specify which row you want to read:

Row obj3 = obj2.getRow(1);

- Specify in which column you want to write:

    Cell obj4 = obj3.getCell(0);

    obj4.setCellValue("Enter the value");

- Write the output to a file.

    FileOutputStream obj5 = new FileOutputStream("Path of the excel sheet");

    Obj1.write(obj5);

- Code in Eclipse will look like this:

```
 //Load the file
FileInputStream fis = new
FileInputStream("/home/ubuntu/Desktop/Testdata.xlsx");
 //Load the Workbook
Workbook wb = WorkbookFactory.create(fis);
//Load Sheet
Sheet sh = wb.getSheet("Sheet1");
//Specify which row you want to read
Row rw = sh.getRow(1);
//Specify which row want to read and which data type
Cell cel = rw.getCell(0);
cel.setCellValue("John");
//Write the output to a file
FileOutputStream fout = new
```

```
FileOutputStream("/home/ubuntu/Desktop/Testdata.xlsx");
wb.write(fout);
```