**LAB : 2**

**Objective:**

Write and test a program to update 10 students records into a table to excel file.

**Requirements:**

1. Windows PC (Windows 7/8/10) / Mac
2. JDK 15
3. Eclipse IDE
4. Selenium jar file and TestNG plugin

**Code:**

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| //update10StudentsRecordsExcel  import java.io.FileInputStream;  import java.io.FileOutputStream;  import jxl.Sheet;  import jxl.Workbook;  import jxl.write.Label;  import jxl.write.WritableSheet;  import jxl.write.WritableWorkbook;  import org.testng.annotations.\*;  public class update10StudentsRecordsExcel {      @BeforeClass //@BeforeClass runs once before the entire test.      public void setUp() throws Exception {}      @Test      public void testImportexport1() throws Exception {          FileInputStream fi = new FileInputStream ("C:\\Users\\arvindersingh\\Desktop\\Labs \\02.SoftwareTesting\\Lab\_2\\studentsFile.xls");          Workbook w = Workbook.getWorkbook(fi);          Sheet s = w.getSheet(0);          String a[][] = new String[s.getRows()][s.getColumns()];          FileOutputStream fo = new FileOutputStream ("C:\\Users\\arvindersingh\\Desktop\\Labs\\02.SoftwareTesting\\Lab\_2\\Result.xls");          WritableWorkbook wwb = Workbook.createWorkbook(fo);          WritableSheet ws = wwb.createSheet("result1", 0);          for (int i = 0; i < s.getRows(); i++)          for (int j = 0; j < s.getColumns(); j++)          {              a[i][j] = s.getCell(j, i).getContents();              Label l2 = new Label(j, i, a[i][j]);              ws.addCell(l2);              Label l1 = new Label(6, 0, "Result");              ws.addCell(l1);          }          for (int i = 1; i < s.getRows(); i++) {              for (int j = 2; j < s.getColumns(); j++)              {                  a[i][j] = s.getCell(j, i).getContents();                  int x=Integer.parseInt(a[i][j]);                  if(x > 35)                  {                      Label l1 = new Label(6, i, "pass");                      ws.addCell(l1);                  }                  else                  {                      Label l1 = new Label(6, i, "fail");                      ws.addCell(l1);                      break;                  }              }              System.out.println("Records sucessfully updated ");          }          wwb.write();          wwb.close();      }  } |

**Output:**

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| studentsFile.xls |
| Result.xls |