

## ***WJ-2751-SE6, WJ-2752-SE6, WJ-2753-SE6, WJ-2754-SE6 and WJ-2755-SE6***

# **Lab Operations Guide**

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## **Introduction**

This guide contains detailed operational instructions for setting up and running the labs of:

WJ-2751-SE6 – Java™ Programming Language: Getting Started

WJ-2752-SE6 – Java™ Programming Language: Understanding Building Blocks

WJ-2753-SE6 – Java™ Programming Language: Applying Exceptions, Collections Framework and Input/Output Classes

WJ-2754-SE6 – Java™ Programming Language: Designing Graphical User Interfaces

WJ-2755-SE6 – Java™ Programming Language: Applying Threading and Networking Concepts

## **Audience**

This guide is for students working on downloadable labs.

## **Goals**

This guide is to be used to understand lab operational requirements. Guidance on setting up a system for completing the lab is documented.

## **Contents**

This guide contains the following information:

1. Course Information
2. Lab Setup
3. Lab Bundles (zip files)
4. Lab Notes

# 1.0 Course Information

This section provides information about the course release and lab delivery.

**Table 1: Course Release Information**

<b>Item</b>	<b>List Value</b>
Course numbers	WJ-2751-SE6, WJ-2752-SE6, WJ-2753-SE6, WJ-2754-SE6, WJ-2755-SE6
Course titles	WJ-2751-SE6 - Java™ Programming Language: Getting Started WJ-2752-SE6 - Java™ Programming Language: Understanding Building Blocks WJ-2753-SE6 - Java™ Programming Language: Applying Exceptions, Collections Framework and Input/Output Classes WJ-2754-SE6 - Java™ Programming Language: Designing Graphical User Interfaces WJ-2755-SE6 - Java™ Programming Language: Applying Threading and Networking Concepts
Revision	A
Release date	December 2007

**Table 2: Lab Delivery Information**

<b>Attribute</b>	<b>Value</b>
Course Delivery model	Web Based
Lab Delivery mode	Local

## 2.0 Lab Setup

This section describes all the necessary hardware and software required for the lab.

### Hardware Requirements

This section lists the minimum hardware requirements for completing labs.

**Table 3: Hardware Requirements for Lab Completion**

Quantity	Description	Build
1	Student Workstation	Intel Pentium IV 1 GHz system with 1 GB of RAM and 500 MB of disk space
1	Student Workstation	Sun Blade 1500 workstation with 1 GB of RAM and 500 MB of disk space
1	Student Workstation	Ultra 20 workstation with 1 GB of RAM and 500 MB of disk space

### Software Requirements

This section lists the software requirements for completing labs.

**Table 4: Software Requirements for Lab Completion**

No.	Product	URL for Download
1.	For Intel machines, Windows XP Operating System	NA
2.	For the Sun Blade workstation: Solaris™ 10 Operating System For the Sun Ultra workstation: Solaris™ 10 Operating System	NA
3.	Java SE 6	<a href="http://java.sun.com/javase/downloads/index.jsp">http://java.sun.com/javase/downloads/index.jsp</a>
4.	NetBeans 5.5 Integrated Development Environment (IDE)	<a href="http://www.netbeans.info/downloads/index.php?rs=11">http://www.netbeans.info/downloads/index.php?rs=11</a>
6.	Mozilla v1.6 (or later) or FireFox v1.0 (or later)	<a href="http://www.mozilla.com/en-US/">http://www.mozilla.com/en-US/</a>
7.	Adobe Acrobat Reader, latest version	<a href="http://www.adobe.com/products/acrobat/readstep2_allversions.html">http://www.adobe.com/products/acrobat/readstep2_allversions.html</a>

# Software Installation

## Setup Instructions

All the lab exercises can be completed using NetBeans IDE.

Perform the following steps to set up the lab software:

1. Download the software from the URLs provided in the Software Requirements section
3. Install the NetBeans IDE 5.5.
4. Install the Acrobat Reader software.
5. Install the Mozilla or Firefox browser software.
6. Install the lab files:
  - For Windows, extract WJ275\_A\_labfiles.zip to the [C:\student](#) directory
  - For Solaris, extract WJ275\_A\_labfiles.zip to the `/export/home/student` directory

## 3.0 Lab Bundles (zip files)

All students can download the labs in the form of a zip file:

The zip file provides:

- A `readme.txt` file
- Lab Files
- Lab Operations Guide
- Tool Reference Guide

## 4.0 Lab Notes

## Student Material Requirements

Students need the following material to complete the labs:

- Student Workbook – Available for download after completing each module of a web-based course
- Tool Reference (NetBeans Tool Reference Guide) – Available in the downloadable lab zip file