**Installing Java**

1. Install the Demo Ubuntu VM using VirtualBox
2. Once launched, open a terminal on desktop and type ‘java -version’
3. If the OpenJDK version appears in the terminal skip to **Step 8**
4. Type ‘sudo app-apt-repository ppa:webupd8team/java’ The terminal should tell you what it’s downloaded.
5. Type ‘sudo apt-get update’ The terminal should tell you that it’s updated to the latest version
6. Type ‘sudo apt-get install default-jre'
7. Type ‘Y’ to continue the install
8. Java is installed, next is the Eclipse installation

**Installing Eclipse**

1. Go to <https://www.eclipse.org/downloads/> and click ‘Download 64-bit'
2. Click the download link on the following page
3. Open installer and follow instructions

**Server Manual**

1. Go to client directory
2. Open terminal within this directory
3. Type ‘javac Client.java’
4. Then type ‘java Client –a ff/wf/bf/aff/avff/’ Where ff stands for First Fit, wf stands for Worst Fit, bf stands for Best Fit , aff stands for abs fast fit and avff stands for average first fit