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**Lesson 1 Demo 1**

**Set Up Development Prerequisites**

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| **Objective:** To set up the development prerequisites such as JDK 8 and Eclipse IDE  **Tools required:** Ubuntu and web browser  **Prerequisites:** None |

Steps to be followed:

1. Installing the JDK 8
2. Installing the Eclipse IDE

**Step 1: Installing the JDK 8**

1. Java should be pre-installed in the lab. Use the given command to check the version:

***java –version***

1. If Java is not installed, run the given command to install **Open JDK 8**:

***sudo apt update***

***sudo apt install openjdk-8-jdk***

1. Run the given command to verify the installation:

***java -version***

**Step 2: Installing the Eclipse IDE**

1. Eclipse IDE should be preinstalled in the lab. Check for the **Eclipse IDE** icon on the Desktopscreen

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1. If Eclipse IDE is not installed, go to the following URL and download **Eclipse Installer**:

[***https://www.eclipse.org/downloads/packages/installer***](https://www.eclipse.org/downloads/packages/installer)

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1. Extract the ZIP or RAR file

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1. Double-click on **eclipse-inst** file to start Eclipse

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1. Choose **Eclipse IDE for Java Developers** option

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JDK 8 and Eclipse IDE are set up.