### **✅ 1. Update Package Index**

sudo apt update

* Refreshes the local list of available packages and versions.
* Always recommended before installing anything.

### **✅ 2. Install Java 8 (JDK)**

sudo apt install openjdk-8-jdk -y

* Installs **OpenJDK 8**, including java, javac, javadoc, etc.
* -y automatically confirms the install.

### **✅ 3. Install Maven**

sudo apt install maven -y

* Installs **Apache Maven** — used to compile, test, and package Java projects.
* Useful for managing dependencies, builds, and deployment.

### **✅ 4. Install tree Utility**

sudo apt install tree -y

* Installs the tree command.
* Visually displays directory structure in a tree format.

### **📦 Bonus: One-Liner Script**

You can combine all into one setup script:

sudo apt update && \

sudo apt install openjdk-8-jdk maven tree -y