

✓ 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
```