**INSTALLING CASSANDRA USING DEBIAN PACKAGES**

**Debain Package:-**

It is a collection of files which are used to implement a set of features or commands.

You can only use the Debain packages on Ubuntu and other Debain-based distributions.

**STEP-1** 🡪 Java setup

* Check the version of Java installed

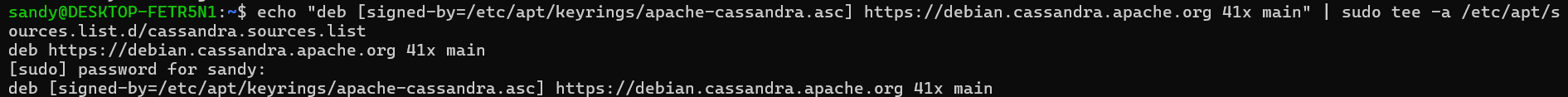
$ java -version



**STEP-2** 🡪 Adding the Apache repository

* Try to add the apache repository of Cassandra.The latest version available is {41\_version}.

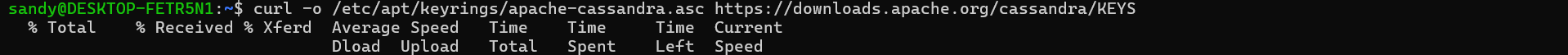
$ echo "deb [signed-by=/etc/apt/keyrings/apache-cassandra.asc] https://debian.cassandra.apache.org 41x main" | sudo tee -a /etc/apt/sources.list.d/cassandra.sources.list deb https://debian.cassandra.apache.org 41x main



**STEP-3** 🡪 Adding Apache Cassandra repository keys

* Try to add the Apache Cassandra repository keys to the list of trusted keys on the server.

$ curl -o /etc/apt/keyrings/apache-cassandra.asc <https://downloads.apache.org/cassandra/KEYS>



**STEP-4** 🡪 Update

* Now update the package index

$ sudo apt-get update

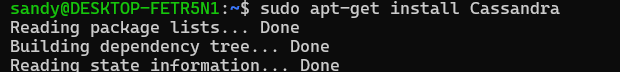
A screen shot of a computer screen

Description automatically generated

**STEP-5** 🡪 Installing Cassandra

* Now try to install Cassandra with APT(Advanced Package Tool).

$ sudo apt-get install Cassandra



**STEP-6** 🡪 Monitor

* Now monitor the progress

$ tail -f logs/system.log

STEP-7 🡪 Status check

* Try to check the status of Cassandra.

$ nodetool status



STEP-8 🡪 Connect

* Now try to connect it to the database.

$ cqlsh



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