# **Name: Abdurrahman Qureshi**

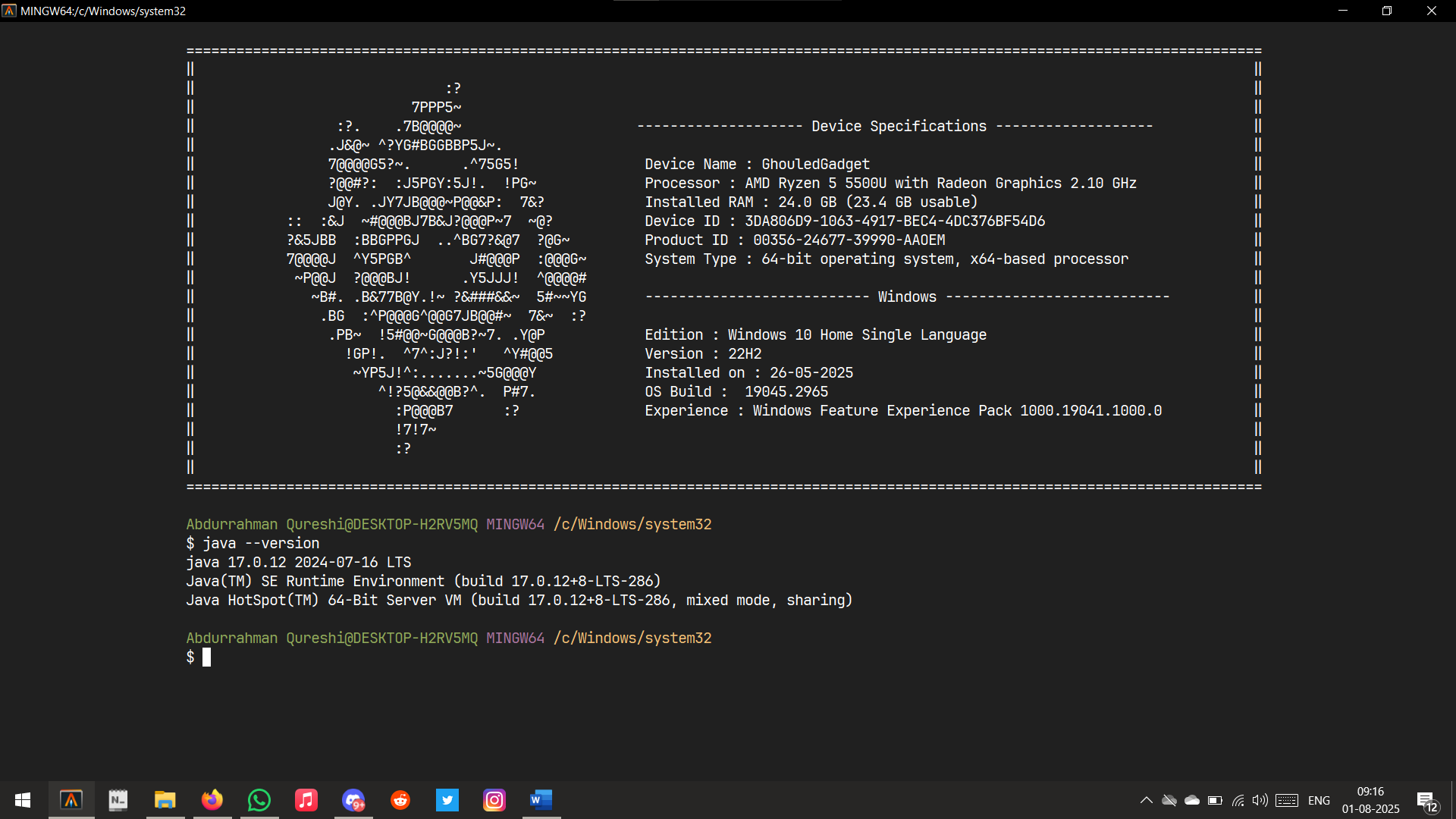
# **Roll No: 242466**

Practical No: 3

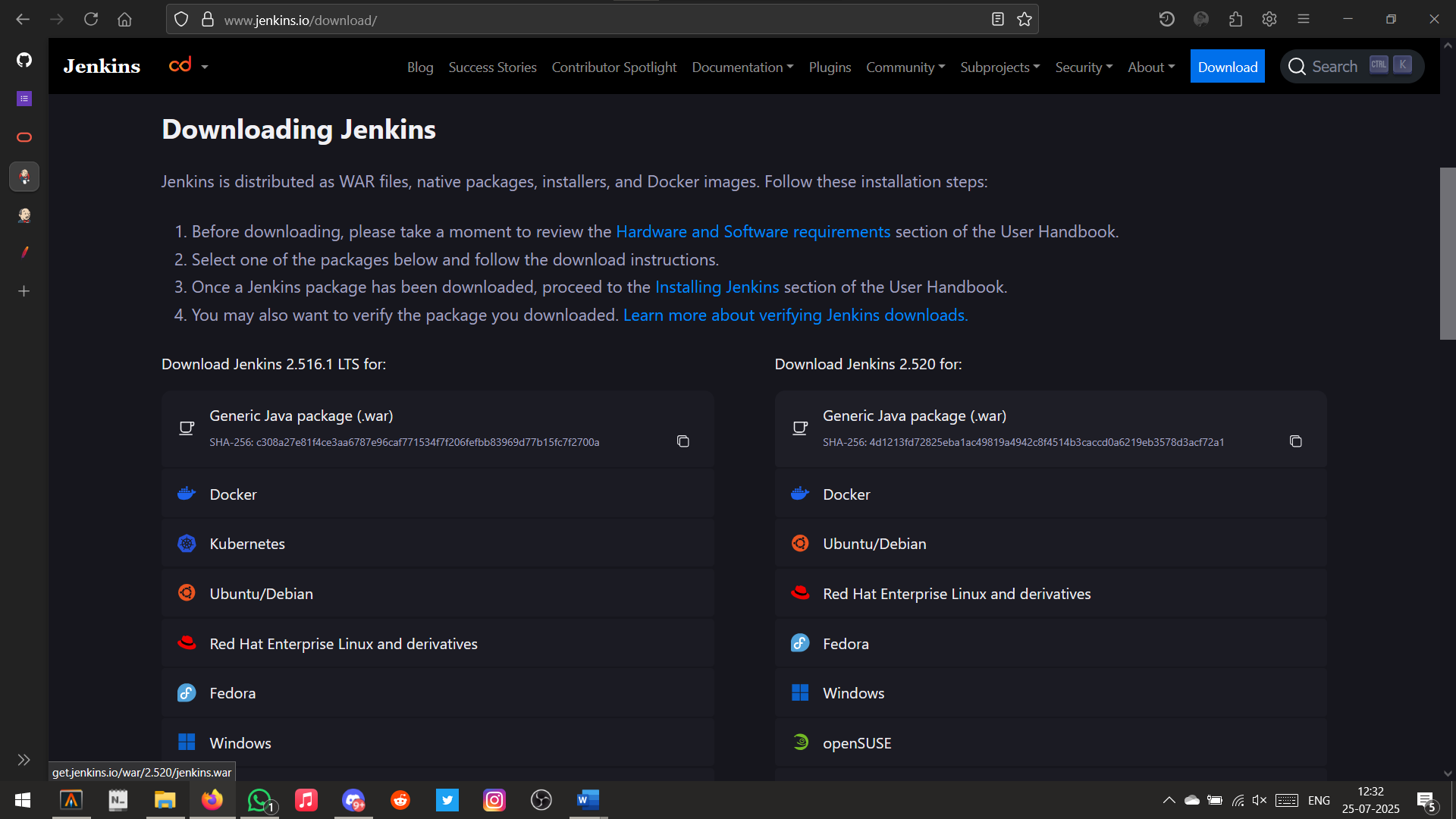
Date Of Performance: 25/07/2025

Aim: To understand Continuous Integration by installing and configuring Jenkins with Maven to set up a build job

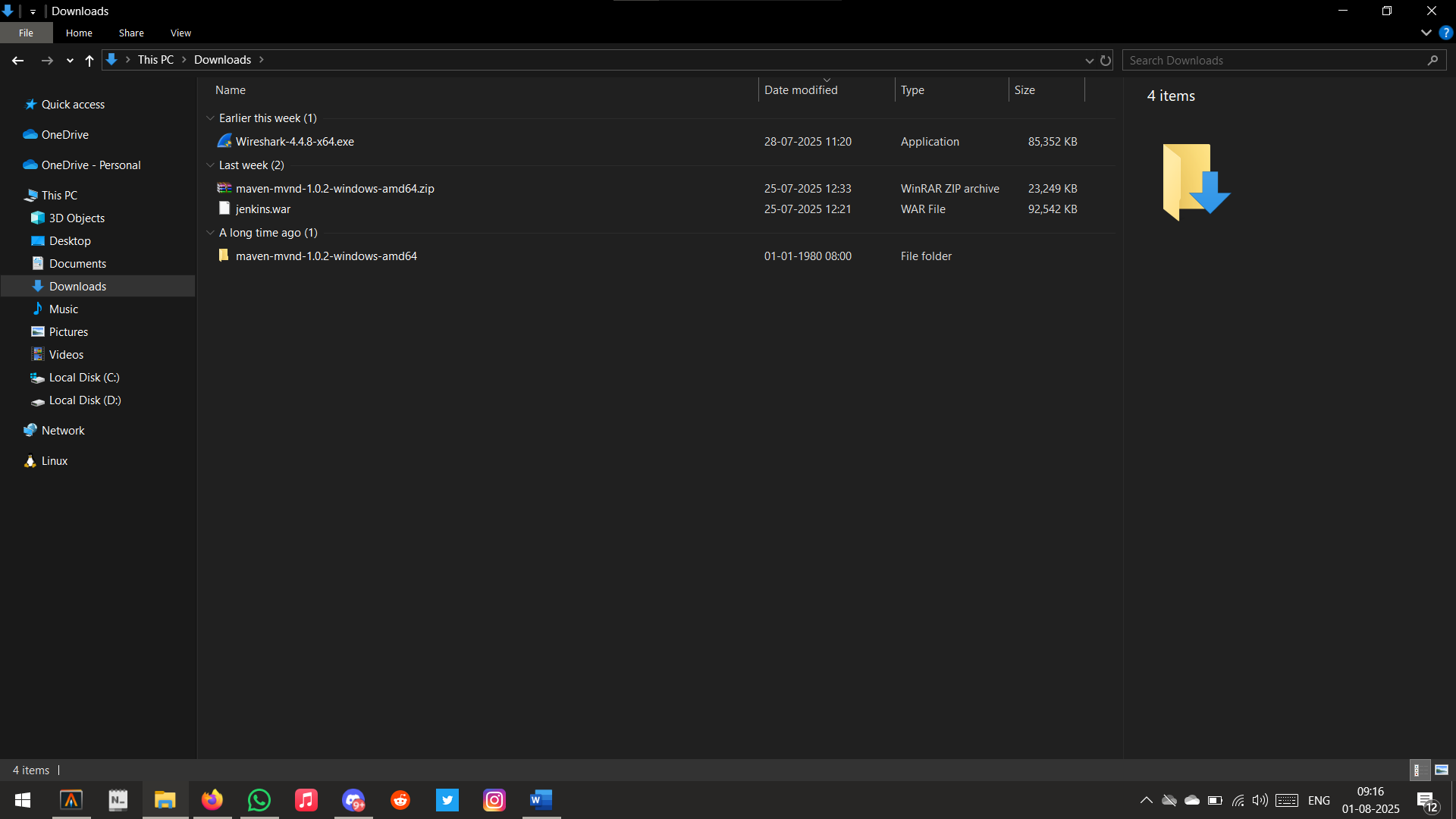
Part A



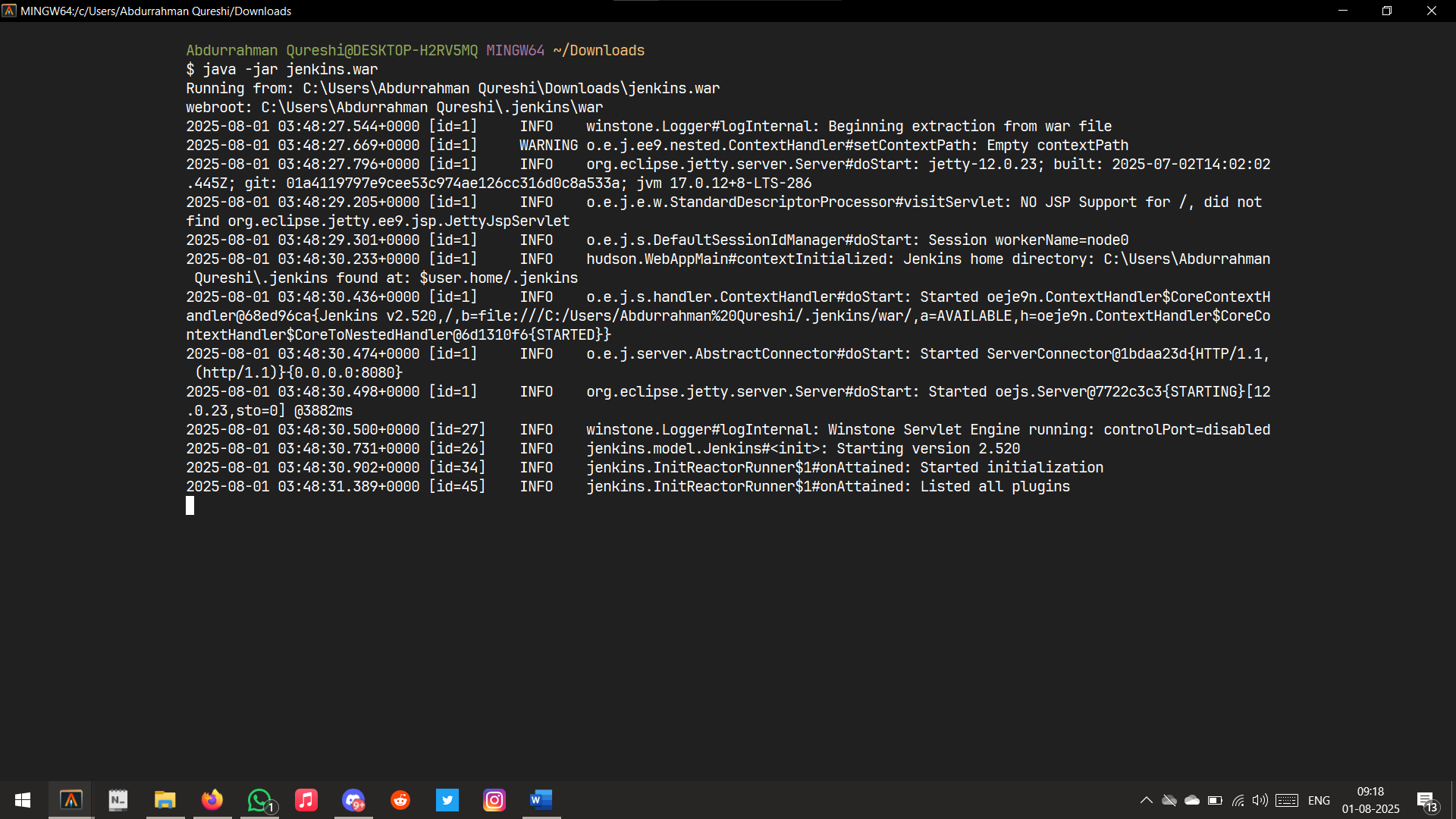
Checking JDK/Java Version



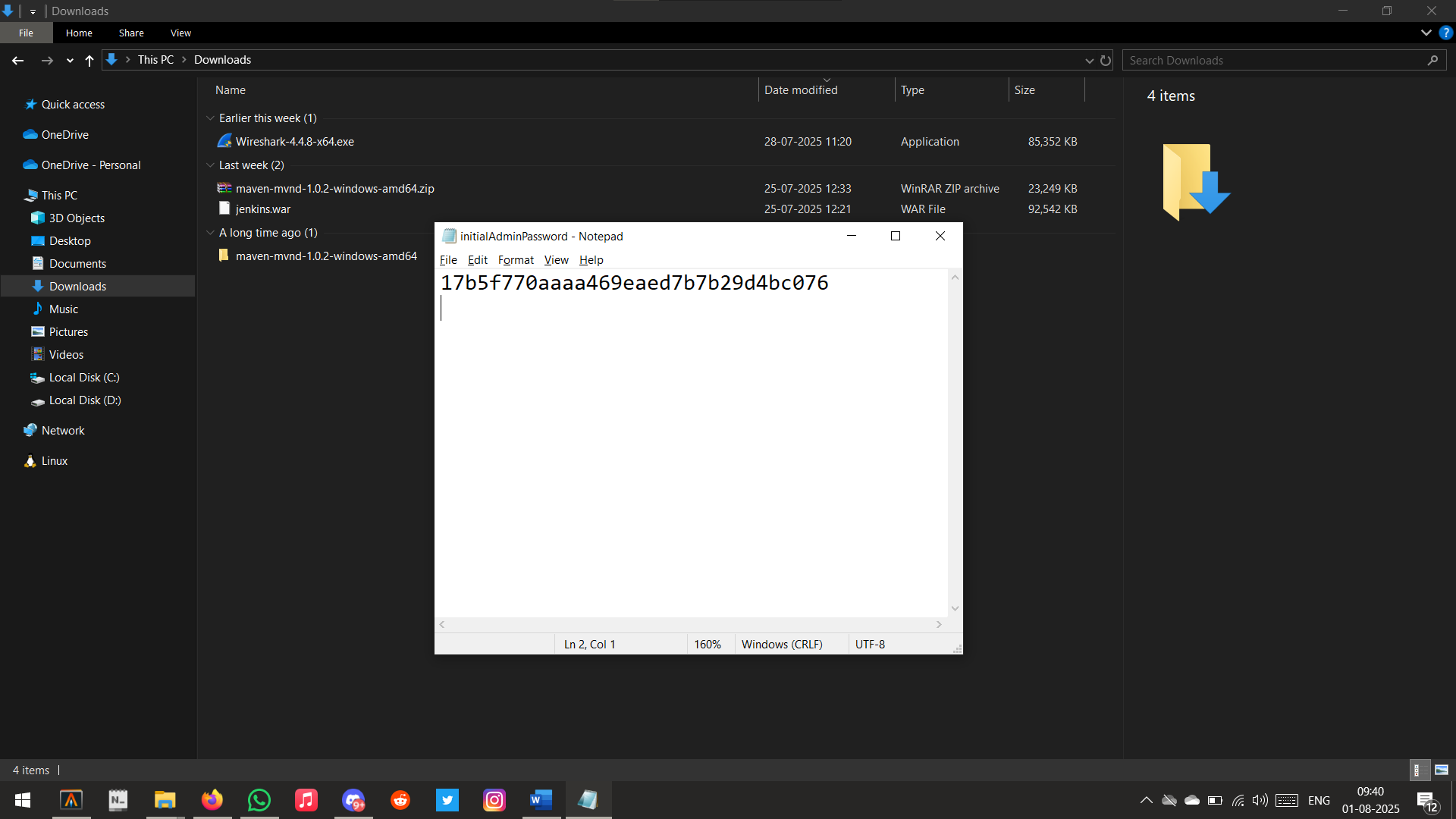
Downloading Jenkins



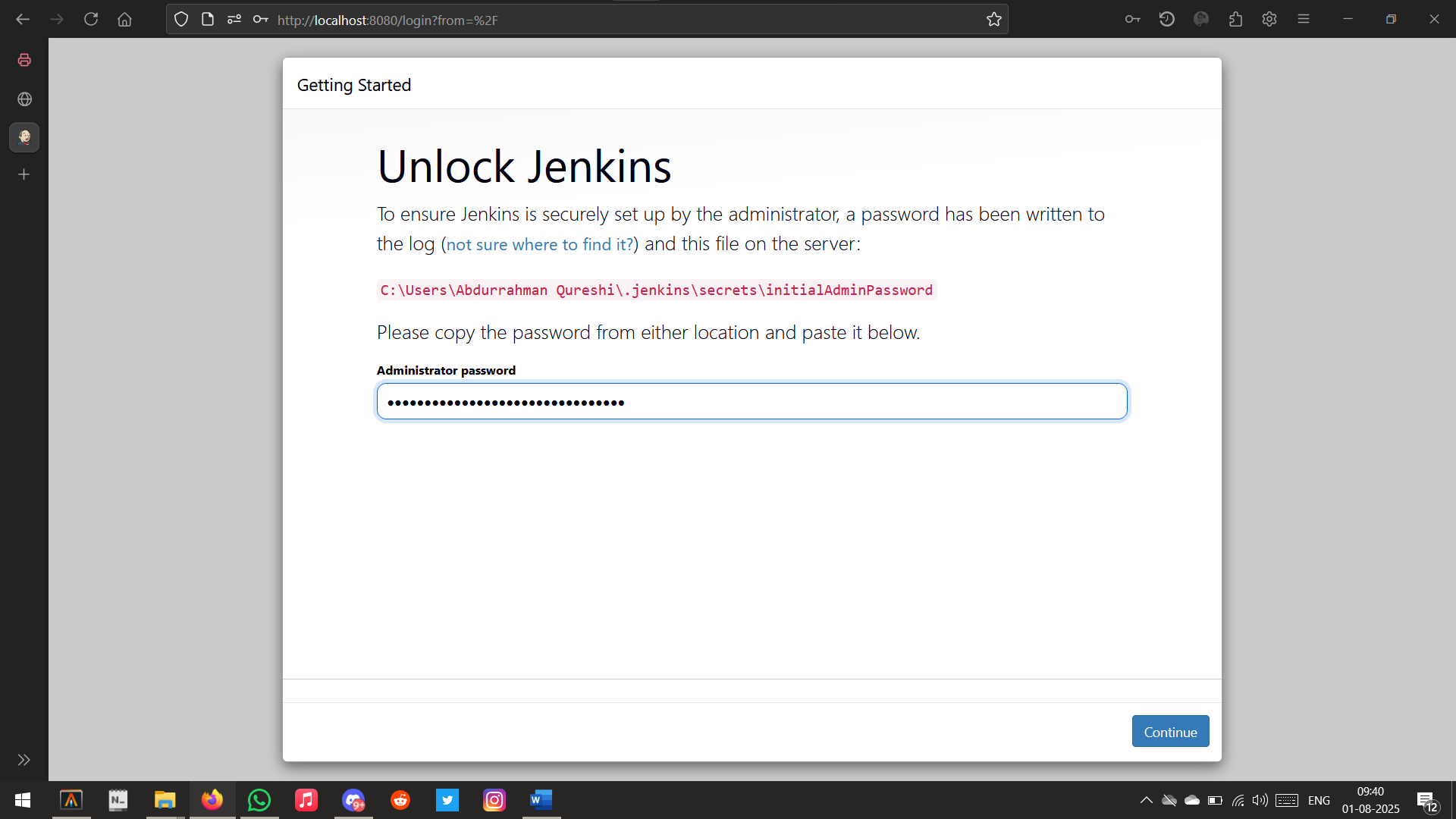
Jenkins Installed



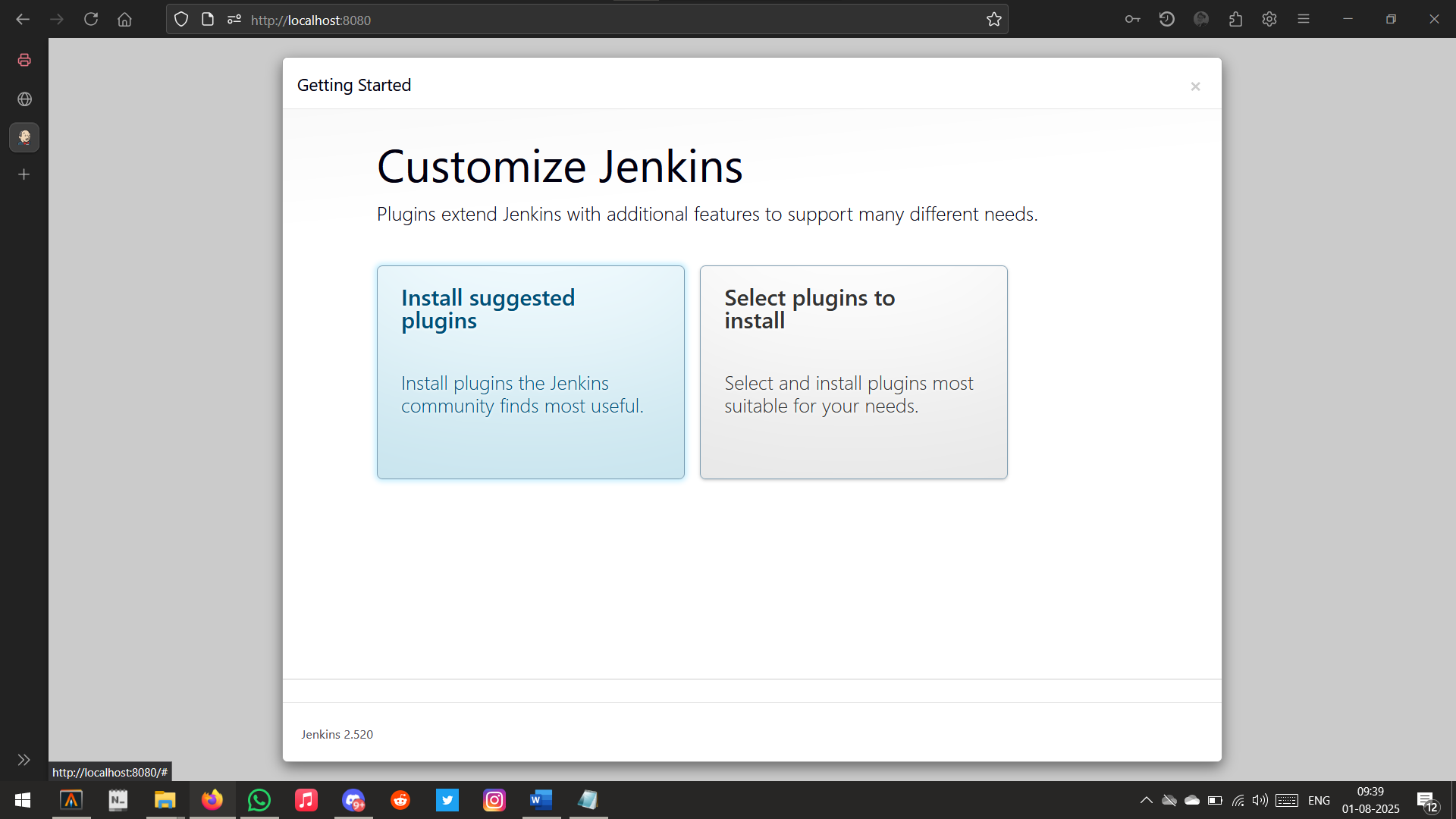
Access Jenkins in Browser (localhost:8080)



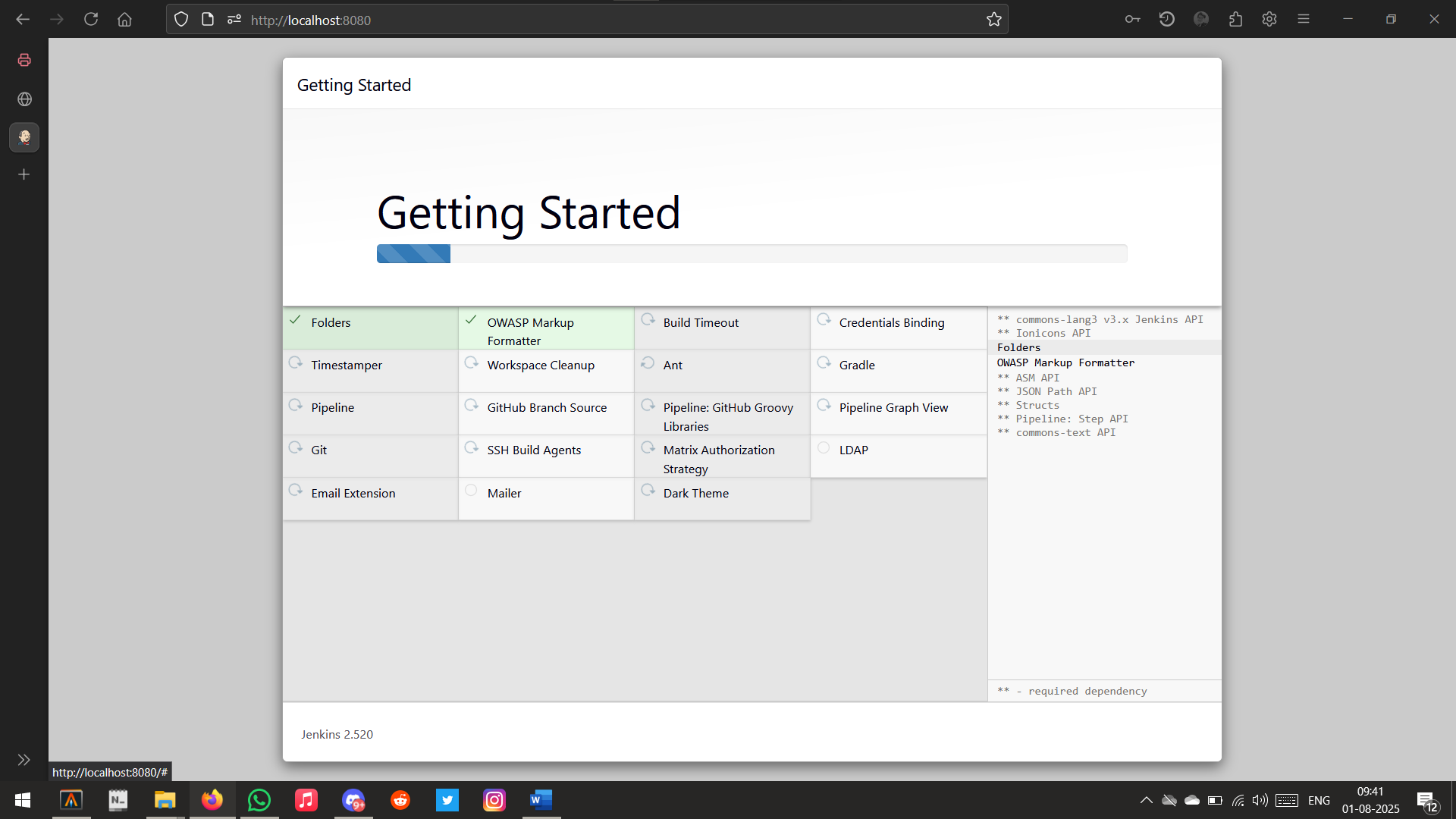
Initial Admin Password



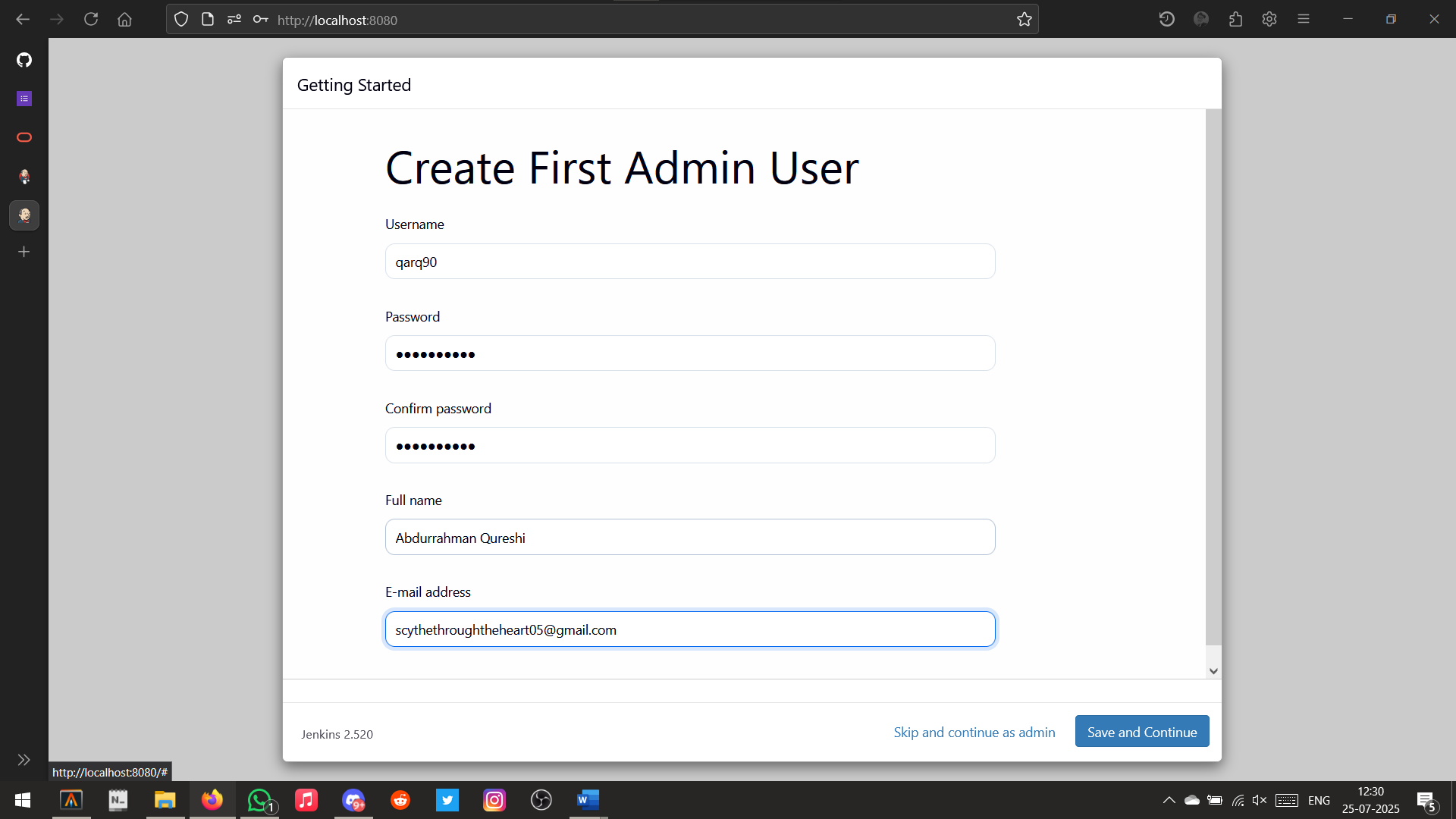
Inputting Password



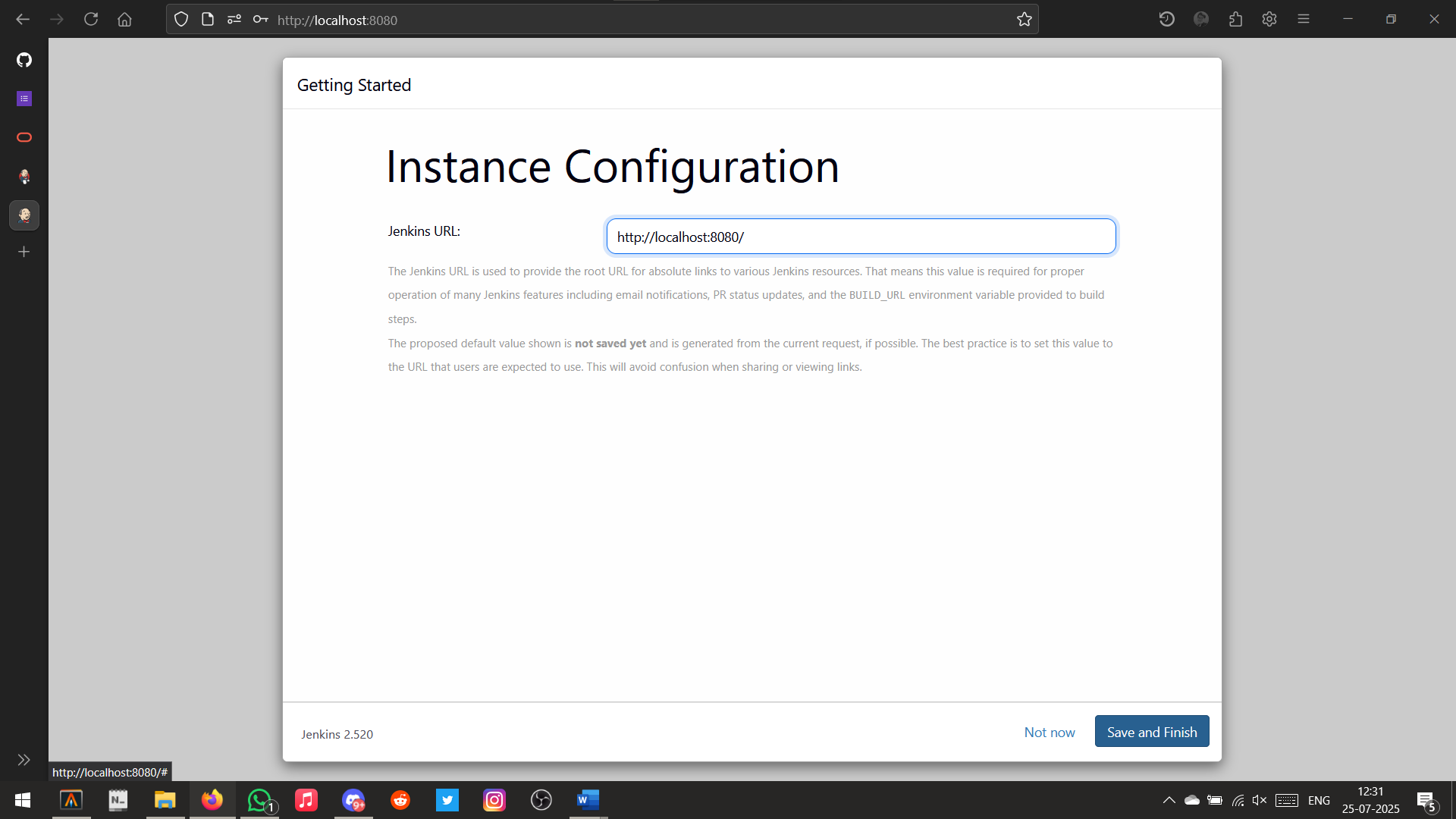
Setting up Plugins



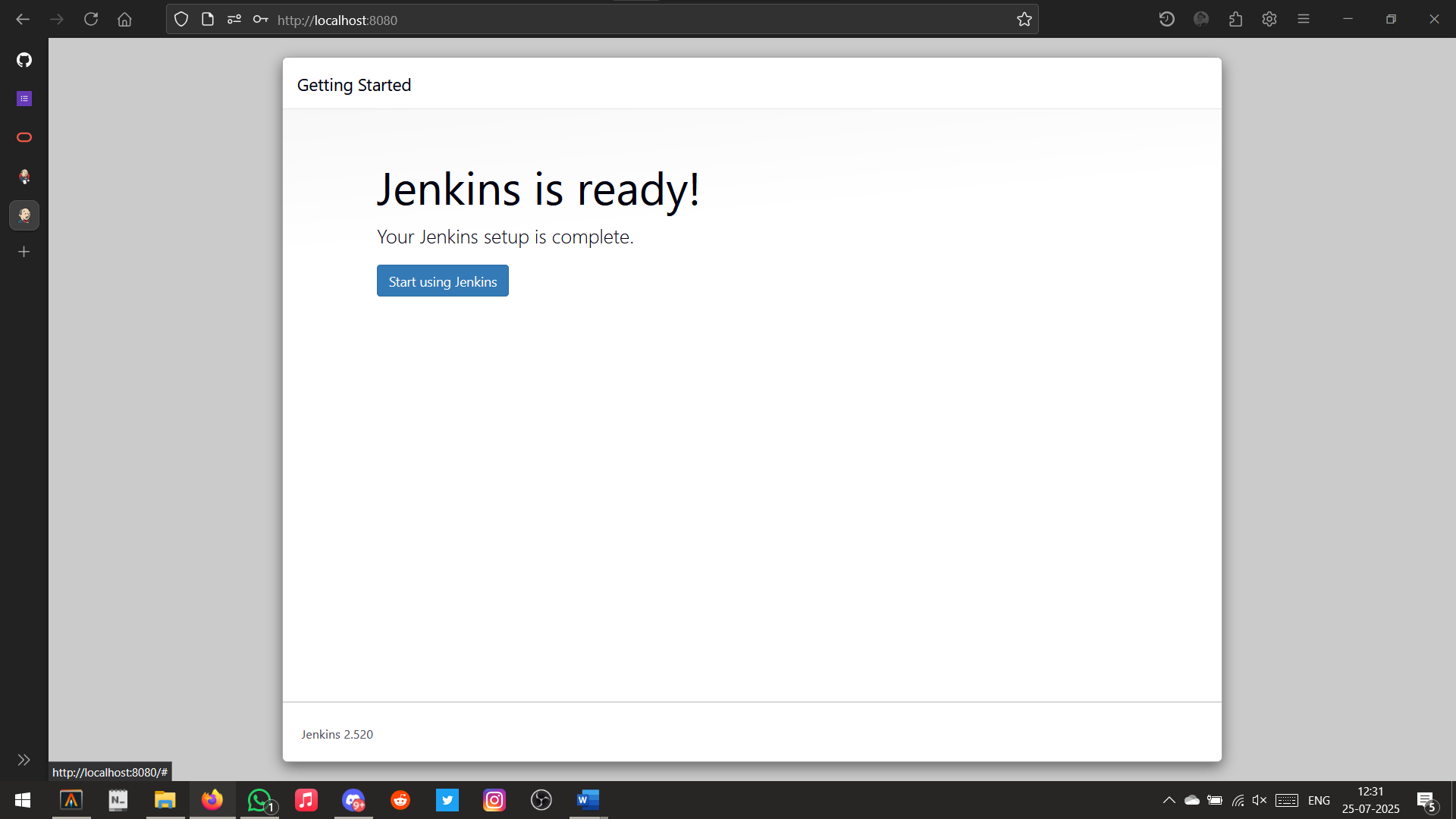
Installing Plugins

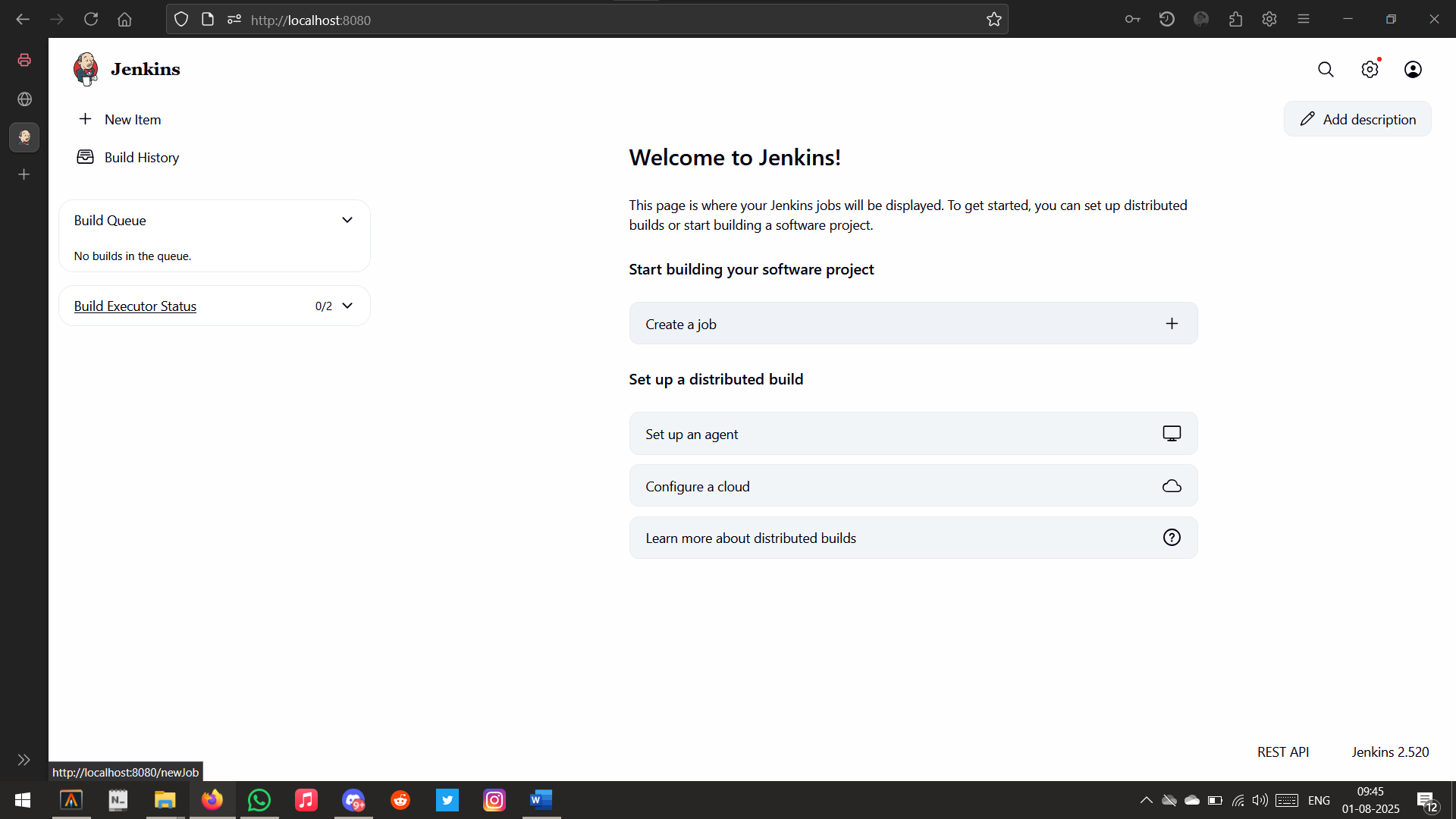


Setting First Admin User

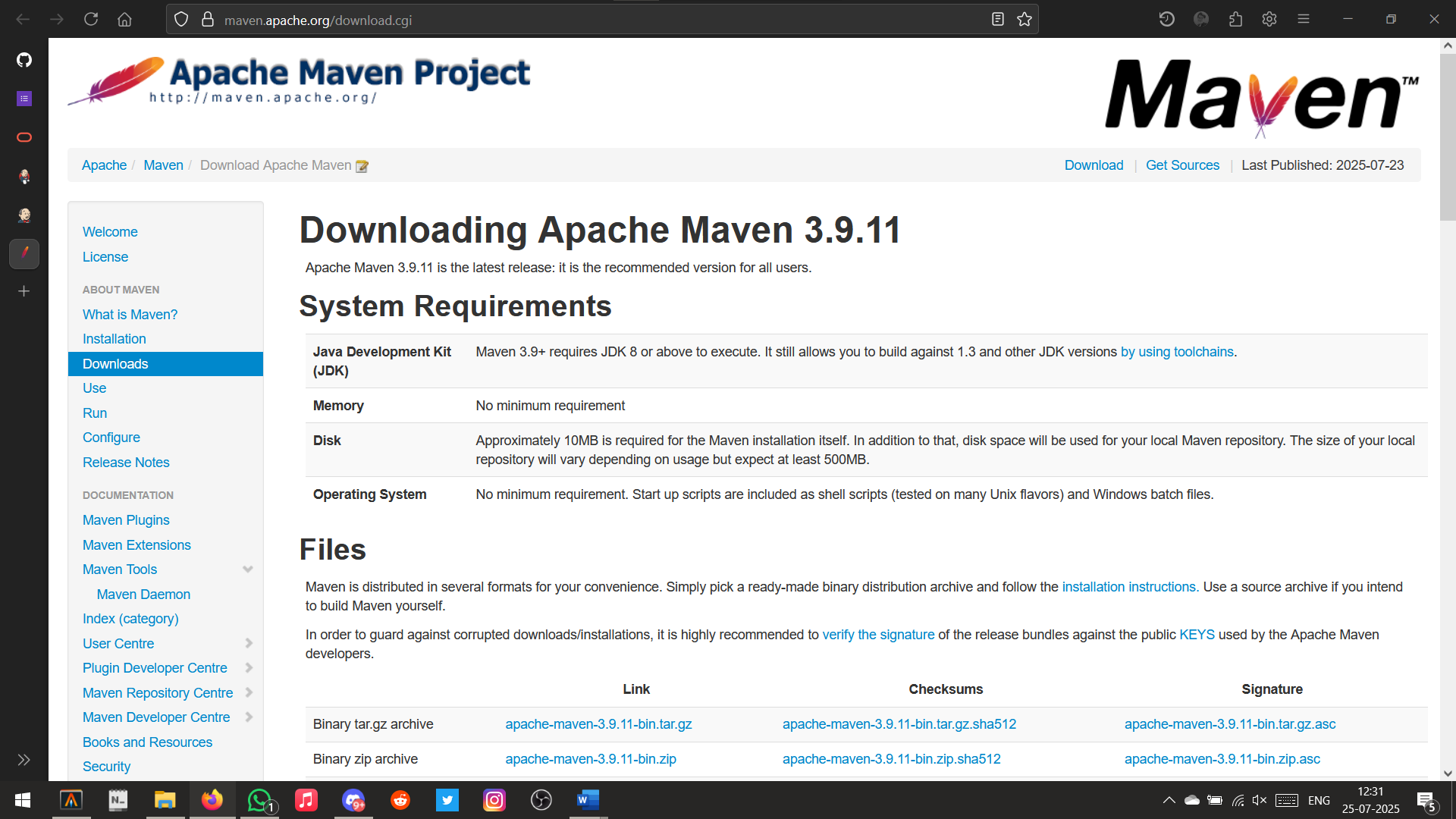


Setting Instance Configuration

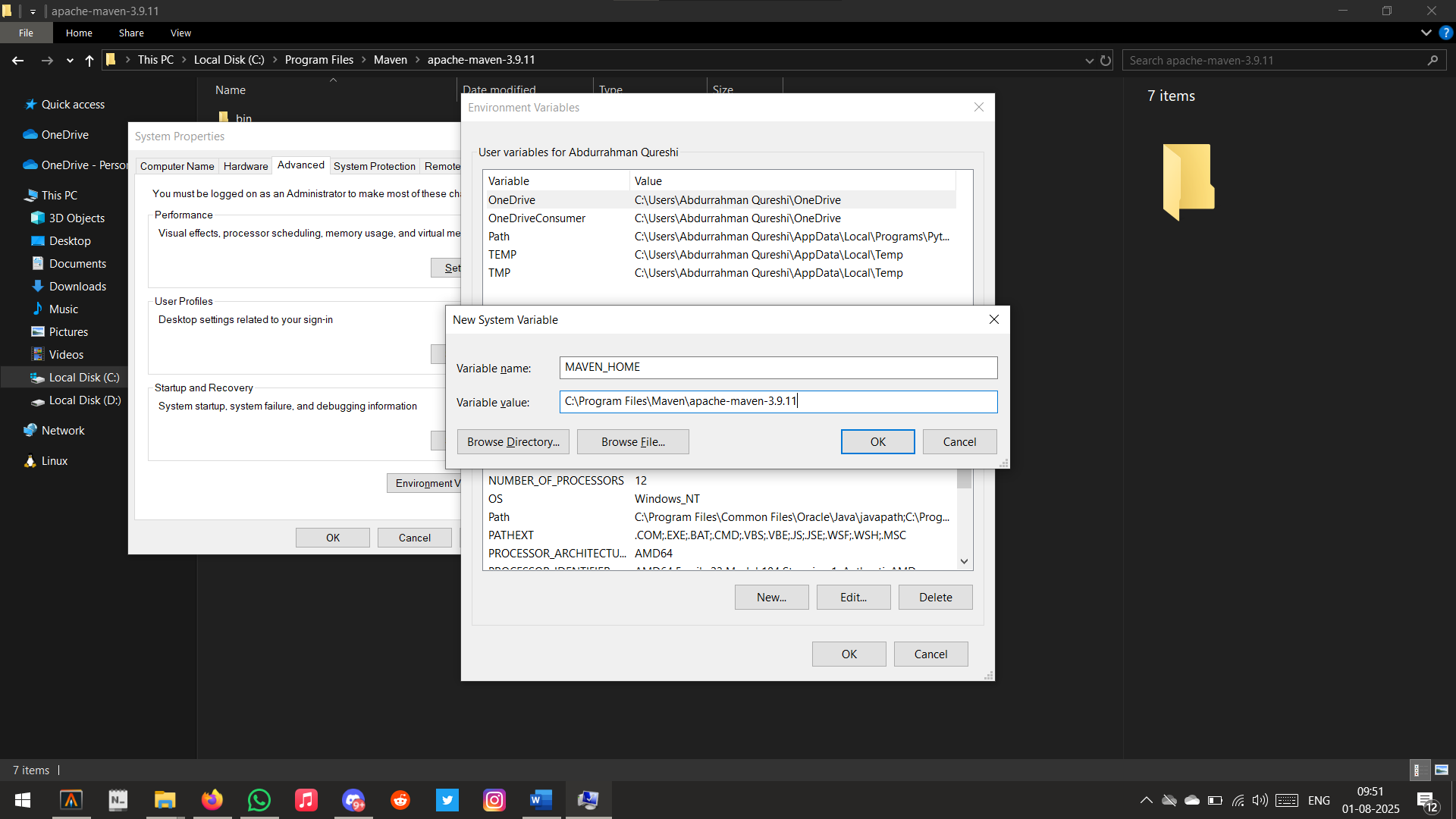
Setup Successful



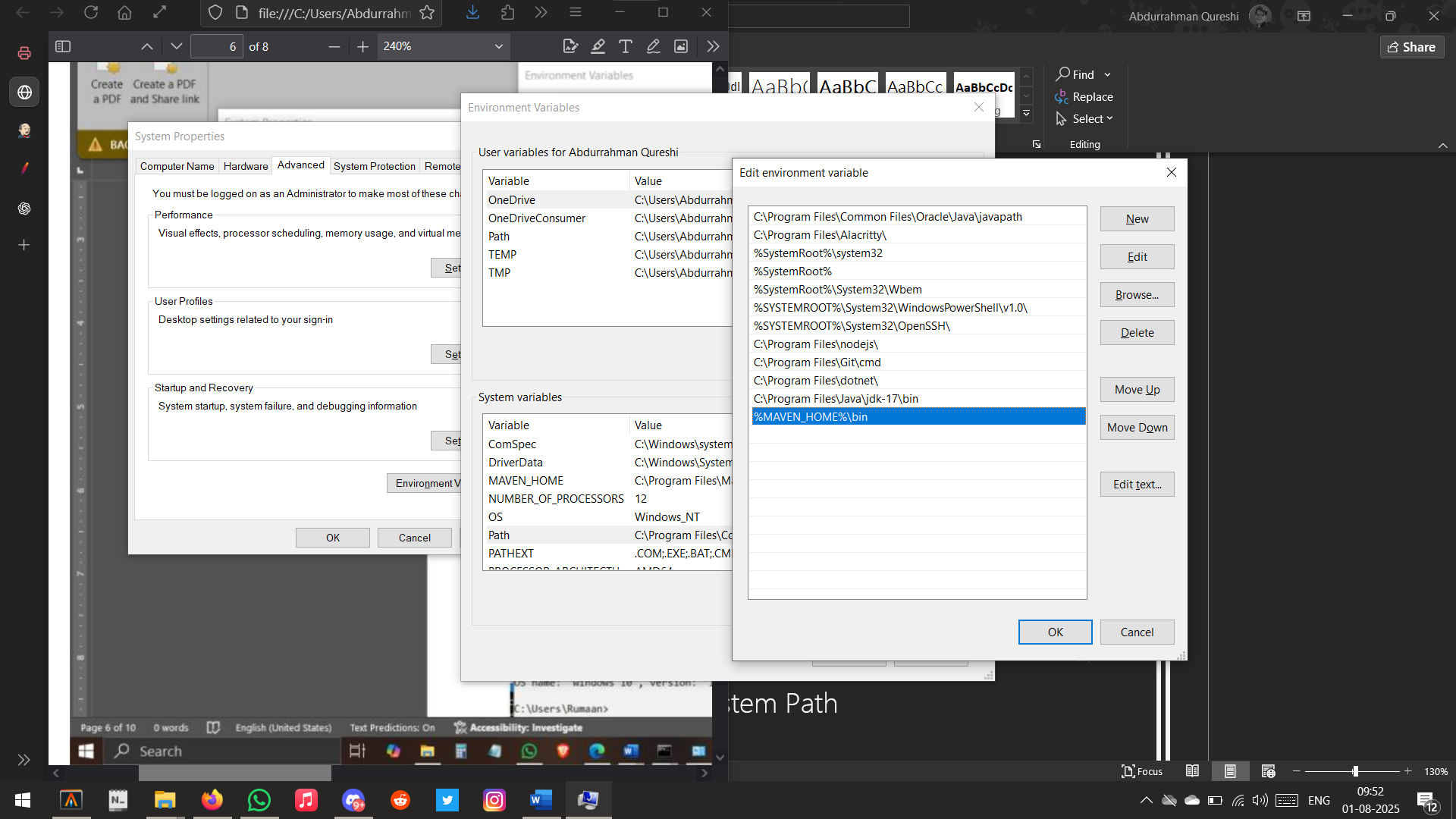
Jenkins Homepage



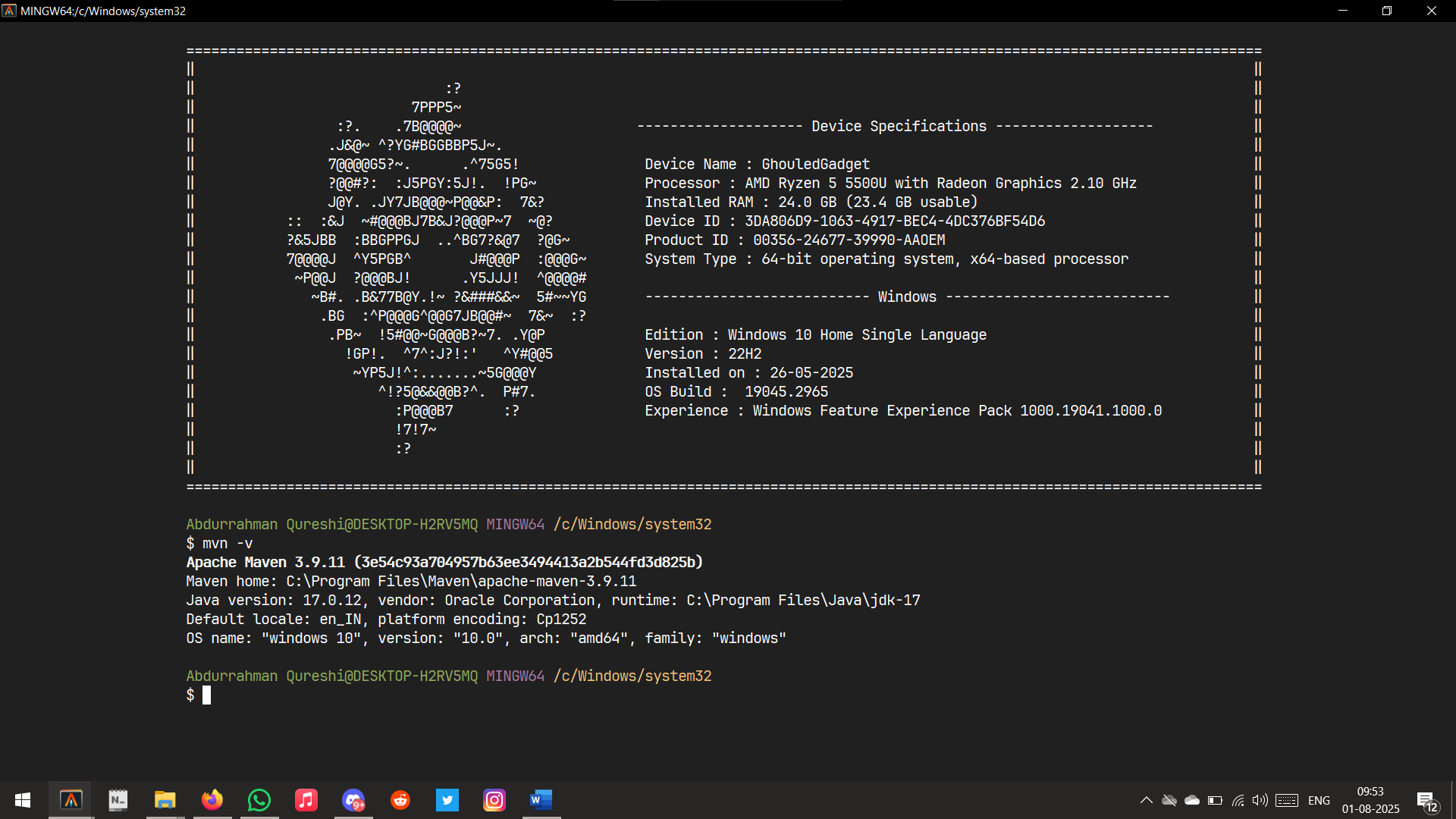
Downloading Maven



Setting System Path

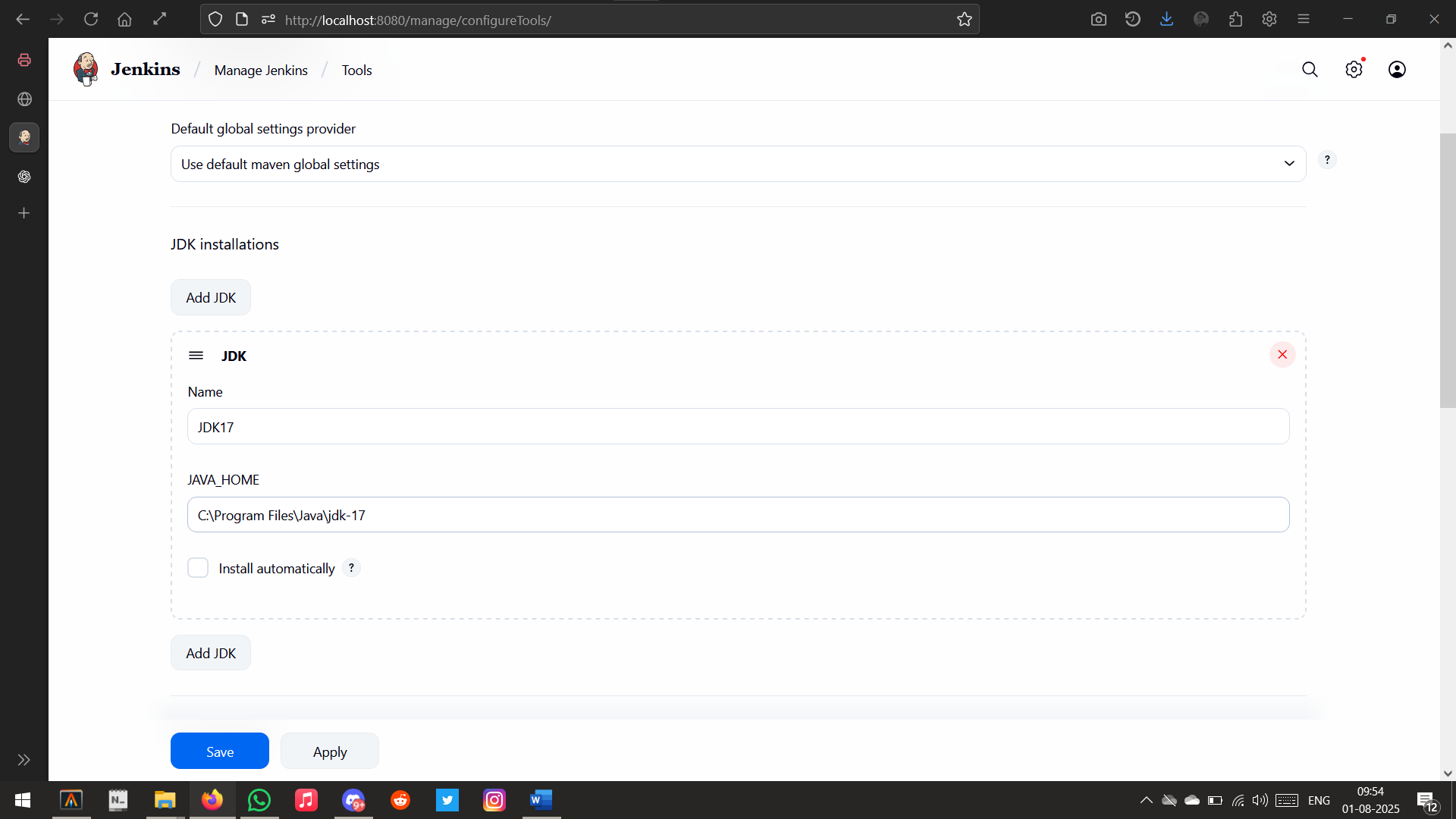


Setting Environment Path

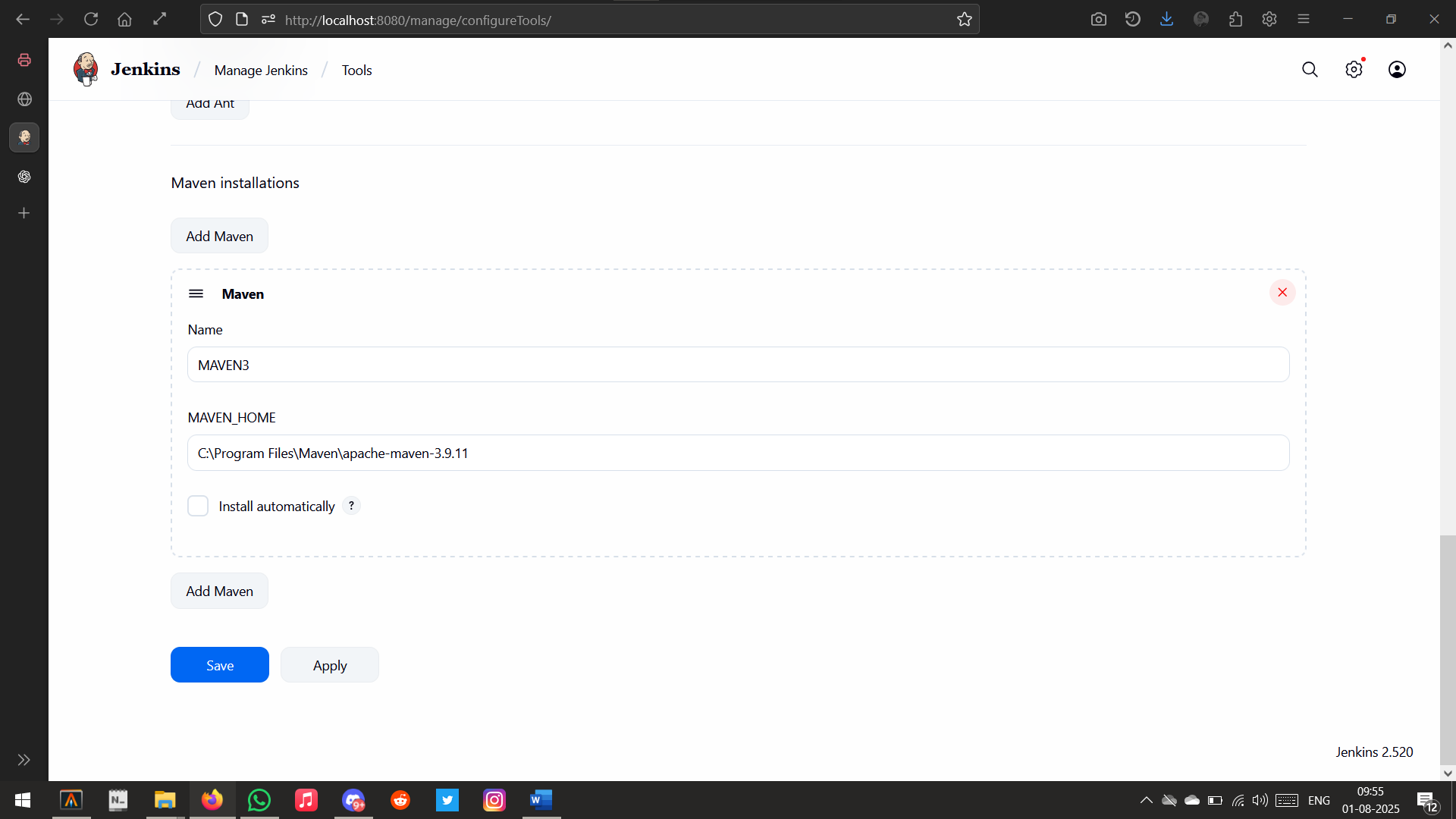


Validating Path

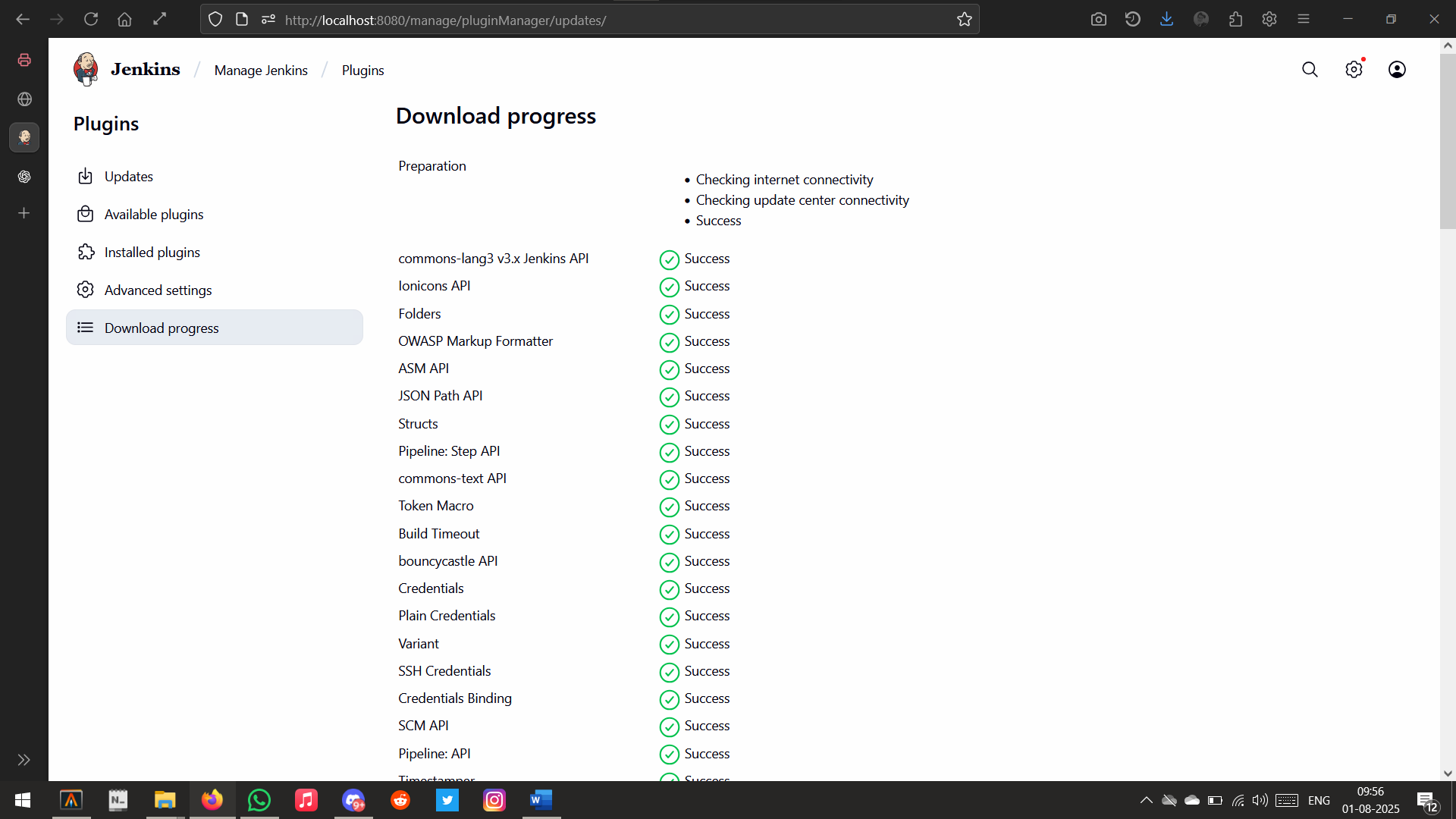
Part B



Setting up JDK



Setting up Maven



Checking Plugins

Conclusion:

We performed and understood continuous Integration by installing and configuring Jenkins with Maven to set up a build job.