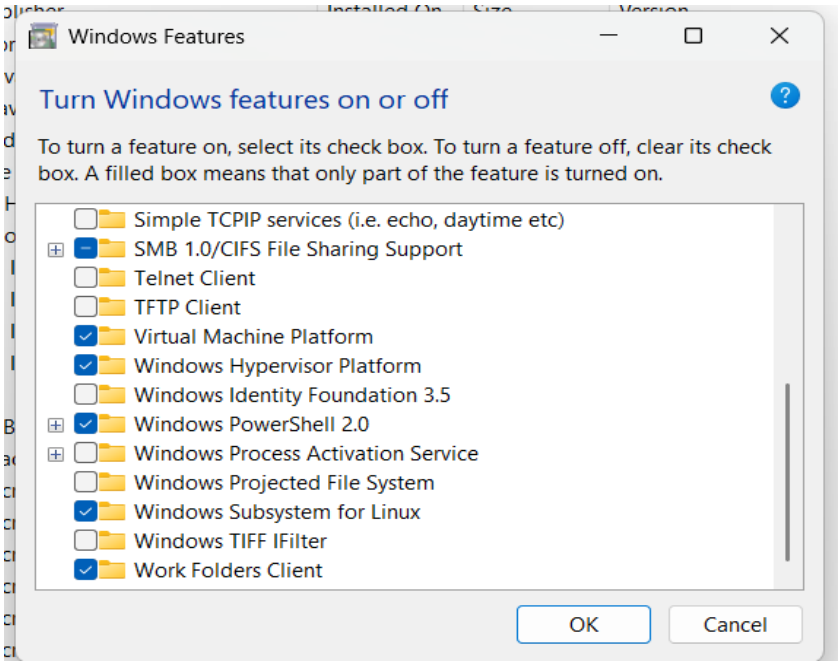
PRACTICAL No. 1

AIM: Installation of Java on Unix/Linux Machine (Without Virtual Box)

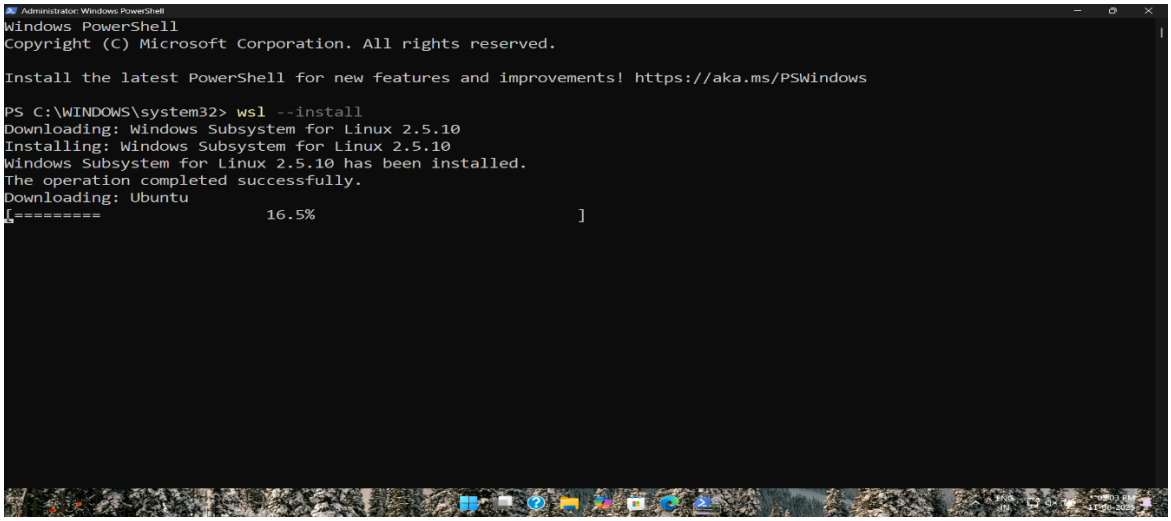
Step 1:

Enable WSL (Windows Sub System for Linux) from Control Pannel



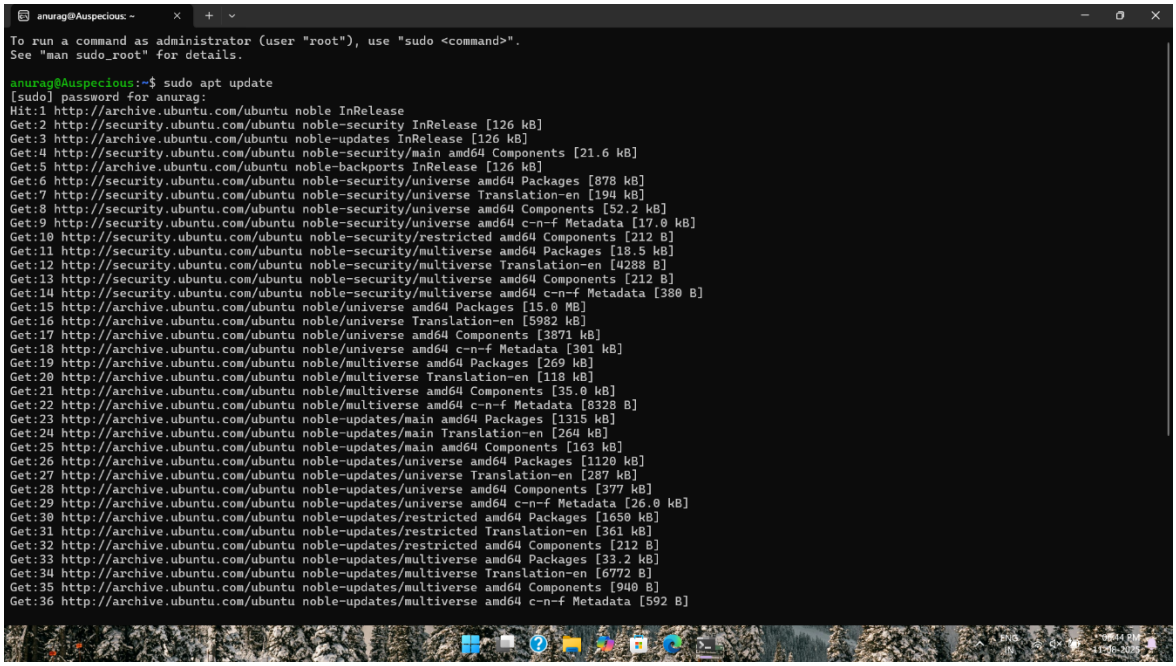
Step 2: Power Shell (Run As Administrator)

Command: wsl –-install



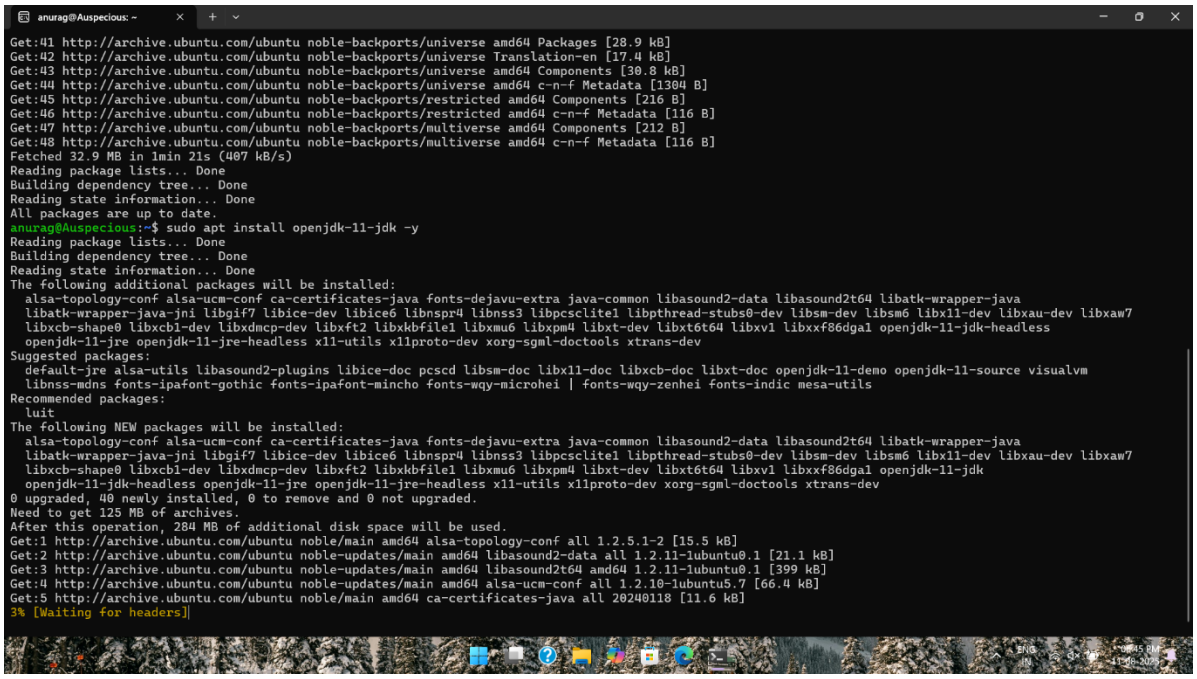
Step 3: Package Update

Command: sudo apt update



Step 4: Java Installation

Command: sudo apt install openjdk-11-jdk -y



Step 5: Verify Java Installation

Command: java -version

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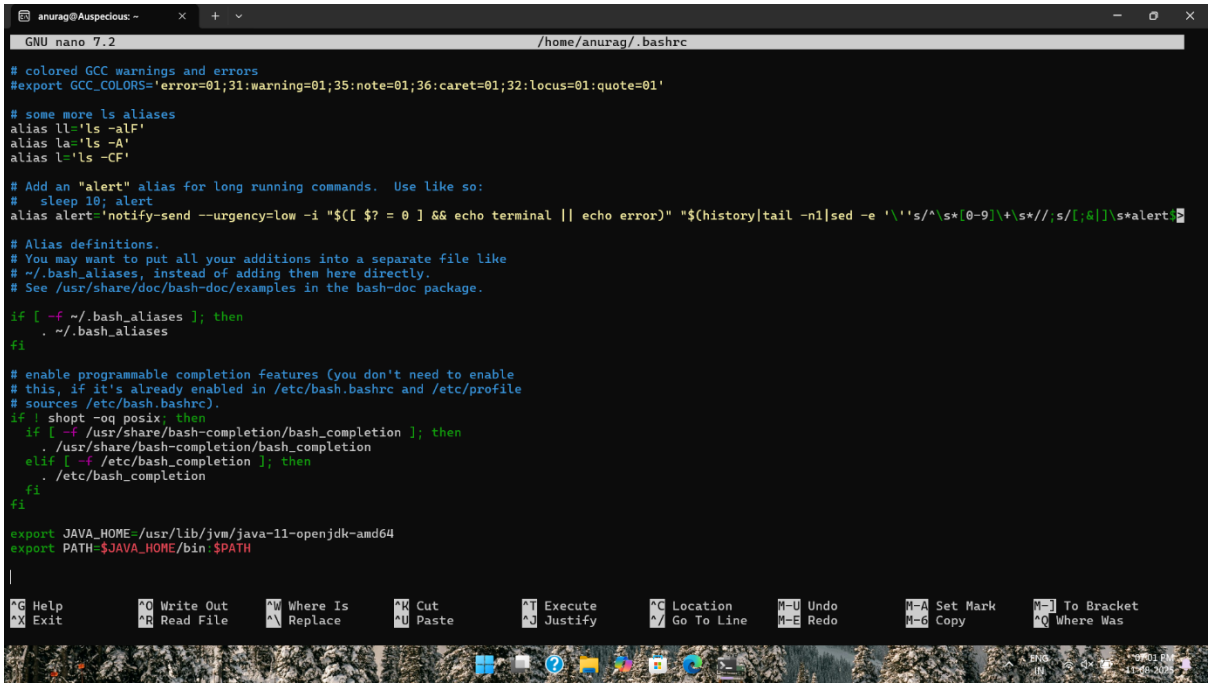
anurag@Auspecious:~$ java -version
openjdk version "11.0.28" 2025-07-15
OpenJDK Runtime Environment (build 11.0.28+6-post-Ubuntu-1ubuntu124.04.1)
OpenJDK 64-Bit Server VM (build 11.0.28+6-post-Ubuntu-1ubuntu124.04.1, mixed mode, sharing)
anurag@Auspecious:~$
```

Step 6: Set JAVA_HOME Environment Variable




```
anurag@Auspecious:~$ nano ~/.bashrc
anurag@Auspecious:~$ source ~/.bashrc
anurag@Auspecious:~$ echo $JAVA_HOME
/usr/lib/jvm/java-11-openjdk-amd64
anurag@Auspecious:~$
```