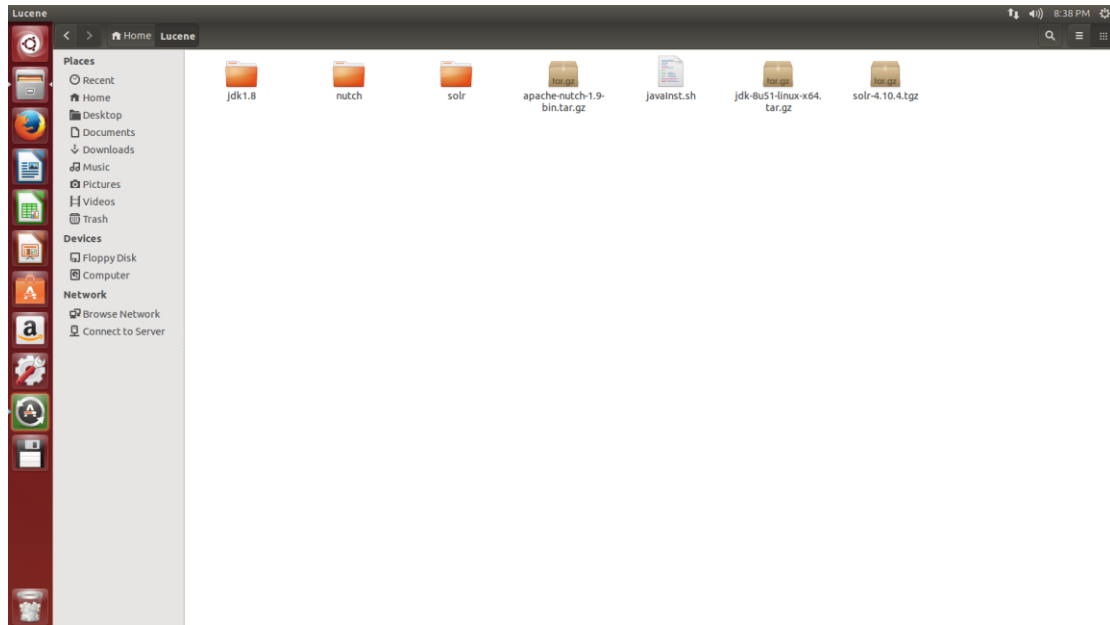
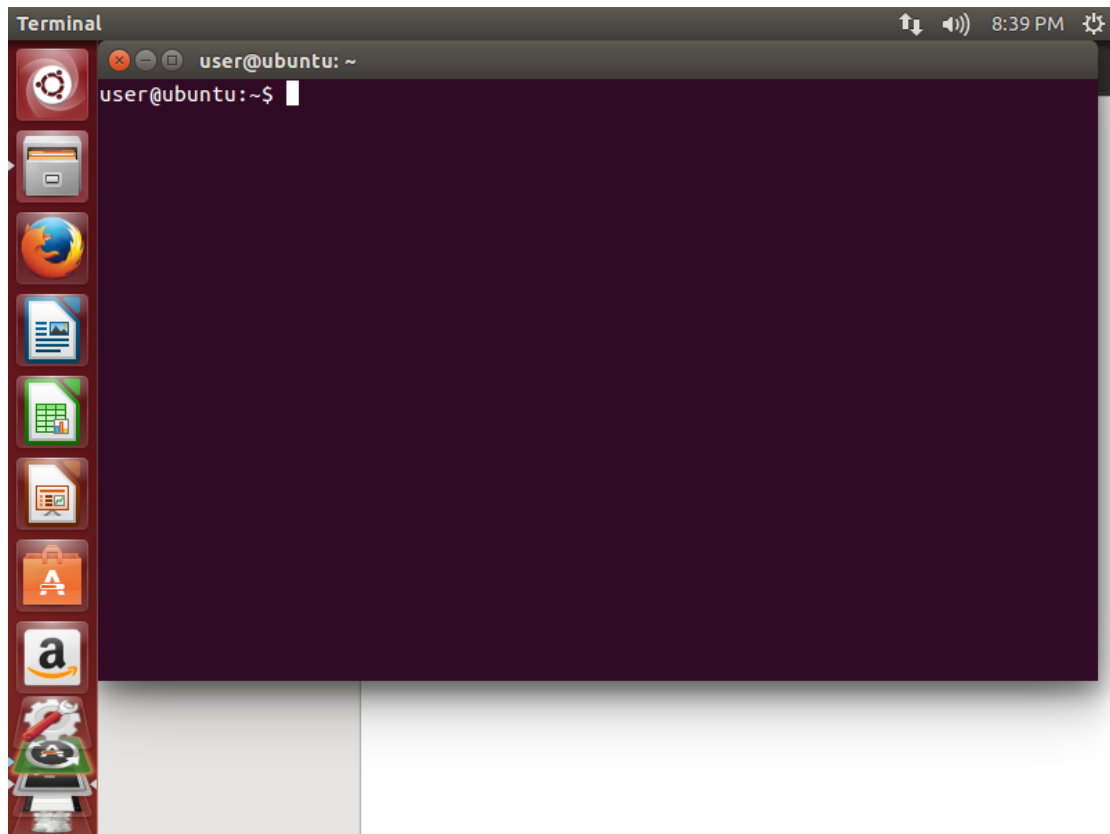


Software Installation Steps

- 1-Copy this word file to the virtual machine in home/Lucene open it from there
- 2- Copy the file javaInst.sh in this folder too
- 3- Now we are installing Java JDK and set the JAVA_HOME

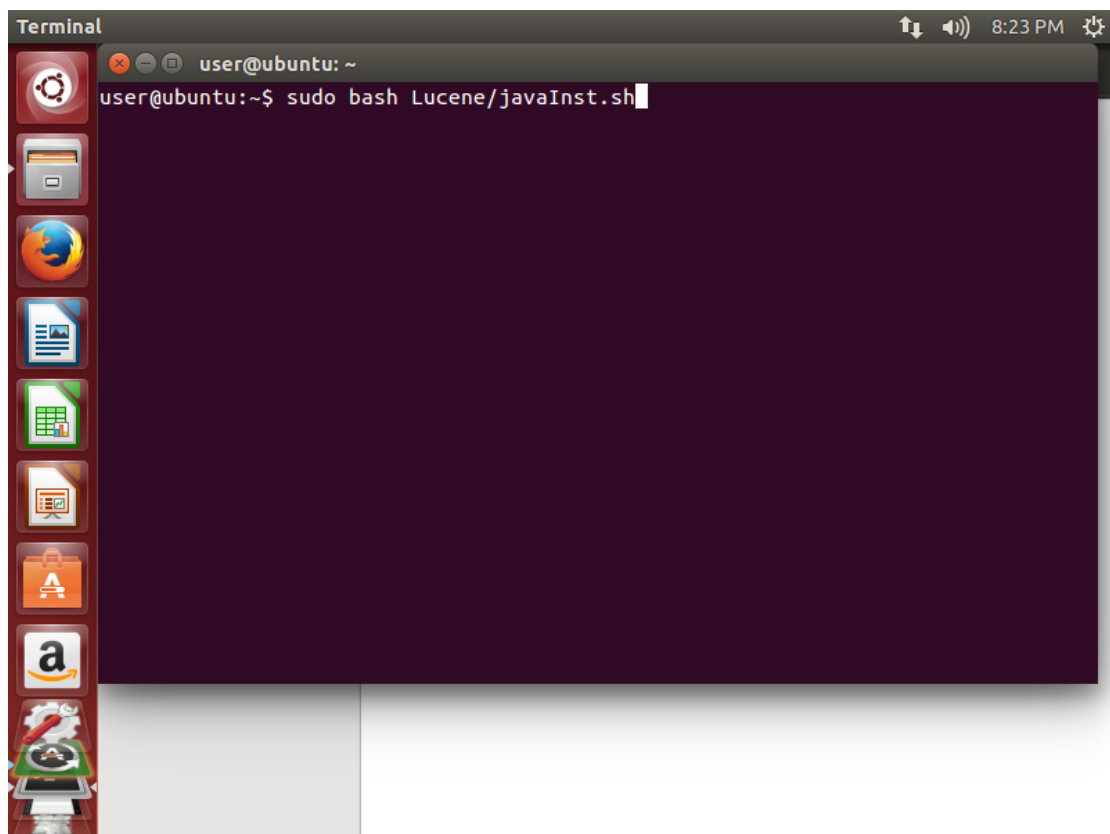


Step 1: press ctrl + alt + t opens a new terminal (black screen)

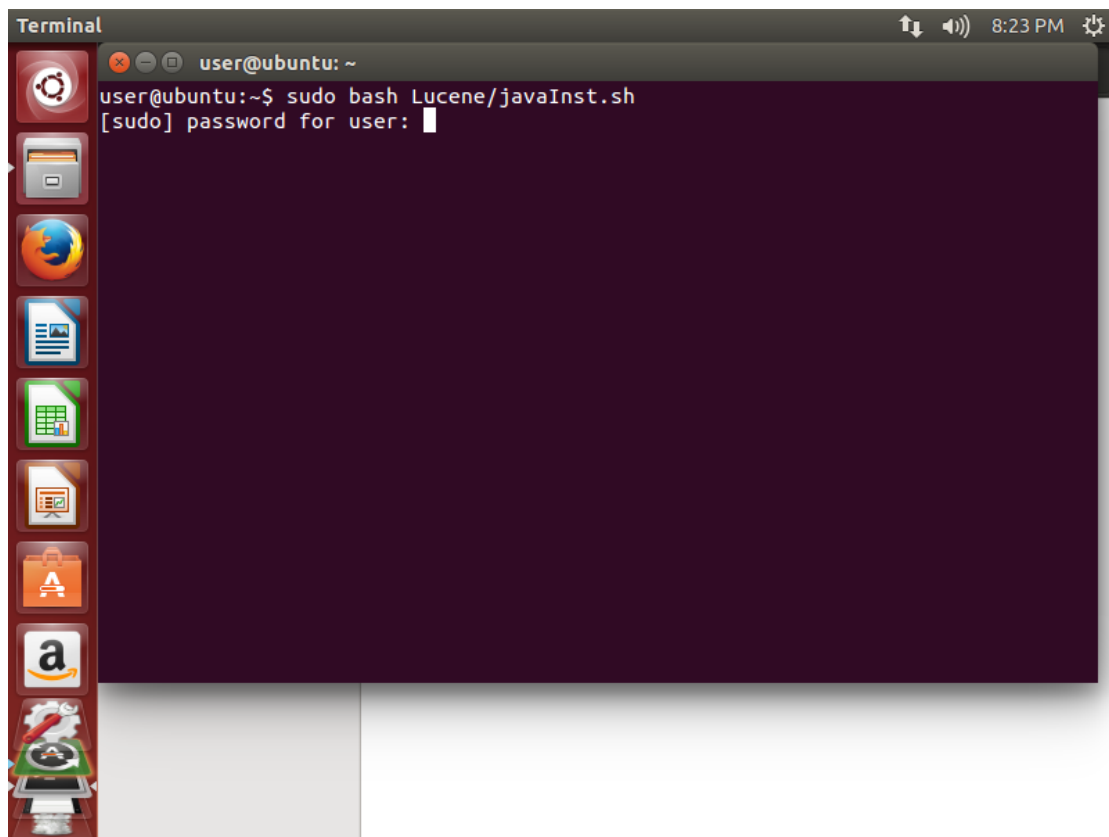


Step 2: paste the following line in the terminal

sudo bash Lucene/javaInst.sh

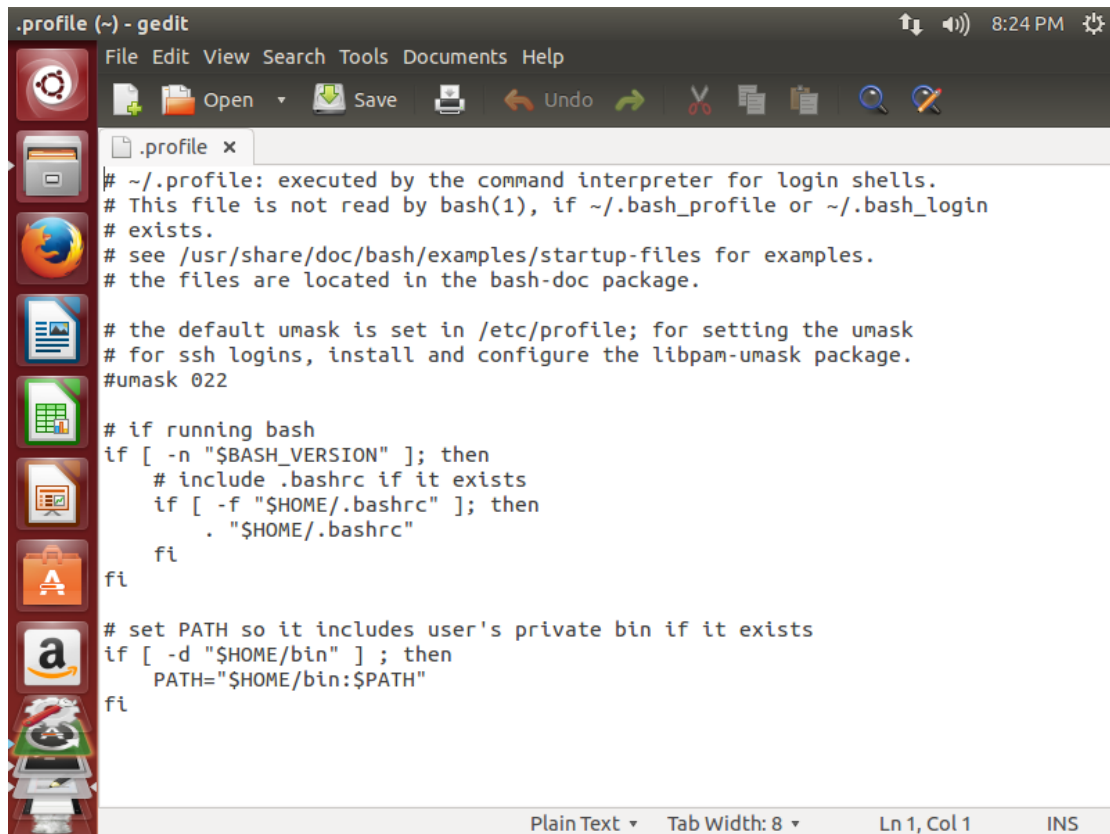


This window will appear



Step 3: Enter the password 123 press Enter

This window will appear



```
.profile (~) - gedit
File Edit View Search Tools Documents Help
Open Save Undo
.profile x
# ~/.profile: executed by the command interpreter for login shells.
# This file is not read by bash(1), if ~/.bash_profile or ~/.bash_login
# exists.
# see /usr/share/doc/bash/examples/startup-files for examples.
# the files are located in the bash-doc package.

# the default umask is set in /etc/profile; for setting the umask
# for ssh logins, install and configure the libpam-umask package.
#umask 022

# if running bash
if [ -n "$BASH_VERSION" ]; then
    # include .bashrc if it exists
    if [ -f "$HOME/.bashrc" ]; then
        . "$HOME/.bashrc"
    fi
fi

# set PATH so it includes user's private bin if it exists
if [ -d "$HOME/bin" ] ; then
    PATH="$HOME/bin:$PATH"
fi

Plain Text Tab Width: 8 Ln 1, Col 1 INS
```

Step 4:

Press ctrl + end to go to the last line in the file shown above

Press enter to create a new line

Paste this :

JAVA_HOME=/usr/lib/jvm/jdk1.8

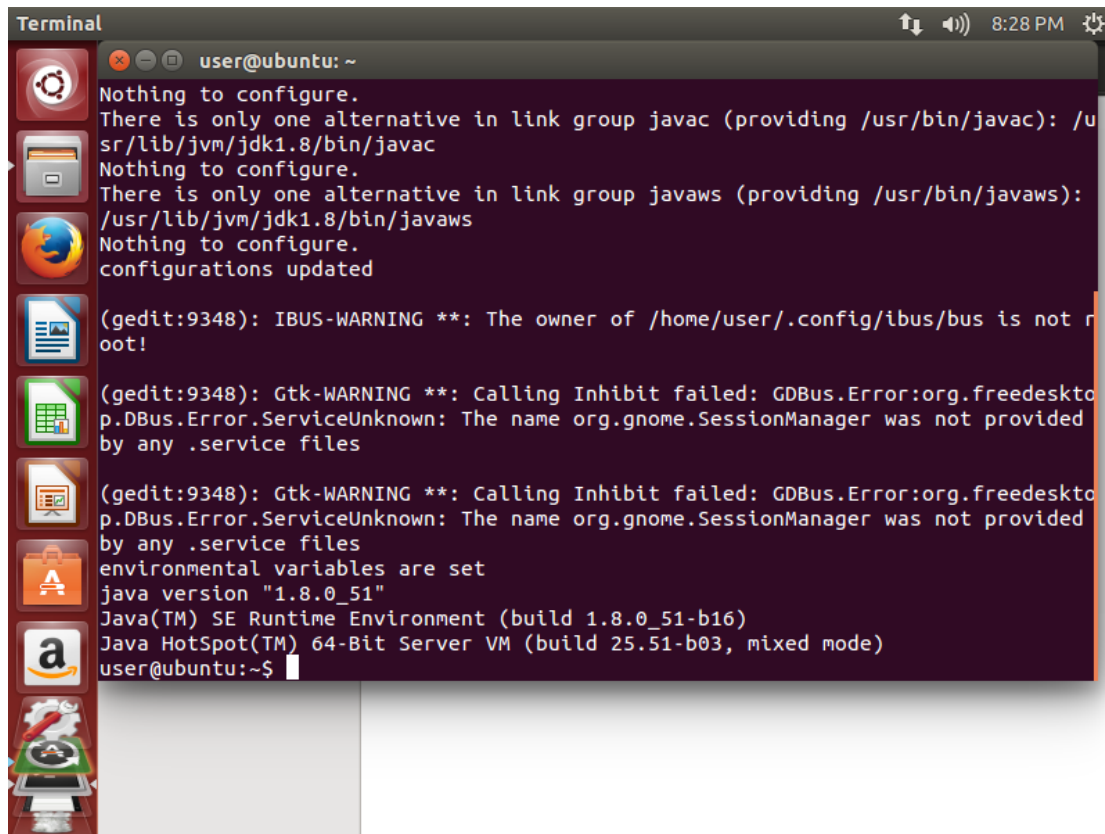
export JAVA_HOME

PATH=\$PATH:\$JAVA_HOME

export PATH

save and close

you will see something like this in the terminal

A terminal window titled "Terminal" with a dark background and light text. The window shows the output of a Java configuration process. The text includes messages about link groups for javac and javaws, warnings from gedit about IBUS and GDBus, and the final Java version and runtime environment details. The prompt "user@ubuntu:~\$" is visible at the bottom.

```
Terminal
user@ubuntu: ~
Nothing to configure.
There is only one alternative in link group javac (providing /usr/bin/javac): /u
sr/lib/jvm/jdk1.8/bin/javac
Nothing to configure.
There is only one alternative in link group javaws (providing /usr/bin/javaws):
/usr/lib/jvm/jdk1.8/bin/javaws
Nothing to configure.
configurations updated

(gedit:9348): IBUS-WARNING **: The owner of /home/user/.config/ibus/bus is not r
oot!

(gedit:9348): Gtk-WARNING **: Calling Inhibit failed: GDBus.Error:org.freedeskt
p.DBus.Error.ServiceUnknown: The name org.gnome.SessionManager was not provided
by any .service files

(gedit:9348): Gtk-WARNING **: Calling Inhibit failed: GDBus.Error:org.freedeskt
p.DBus.Error.ServiceUnknown: The name org.gnome.SessionManager was not provided
by any .service files
environmental variables are set
java version "1.8.0_51"
Java(TM) SE Runtime Environment (build 1.8.0_51-b16)
Java HotSpot(TM) 64-Bit Server VM (build 25.51-b03, mixed mode)
user@ubuntu:~$
```

Check to see that the last two lines, you must see the same in urs

Paste this

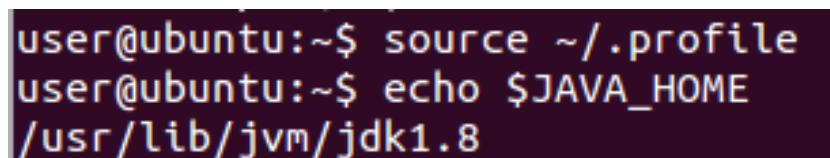
source ~/.profile

press enter

paste this

echo \$JAVA_HOME

you must this

A terminal window showing the execution of two commands. The first command is "source ~/.profile" and the second is "echo \$JAVA_HOME". The output of the second command is "/usr/lib/jvm/jdk1.8".

```
user@ubuntu:~$ source ~/.profile
user@ubuntu:~$ echo $JAVA_HOME
/usr/lib/jvm/jdk1.8
```