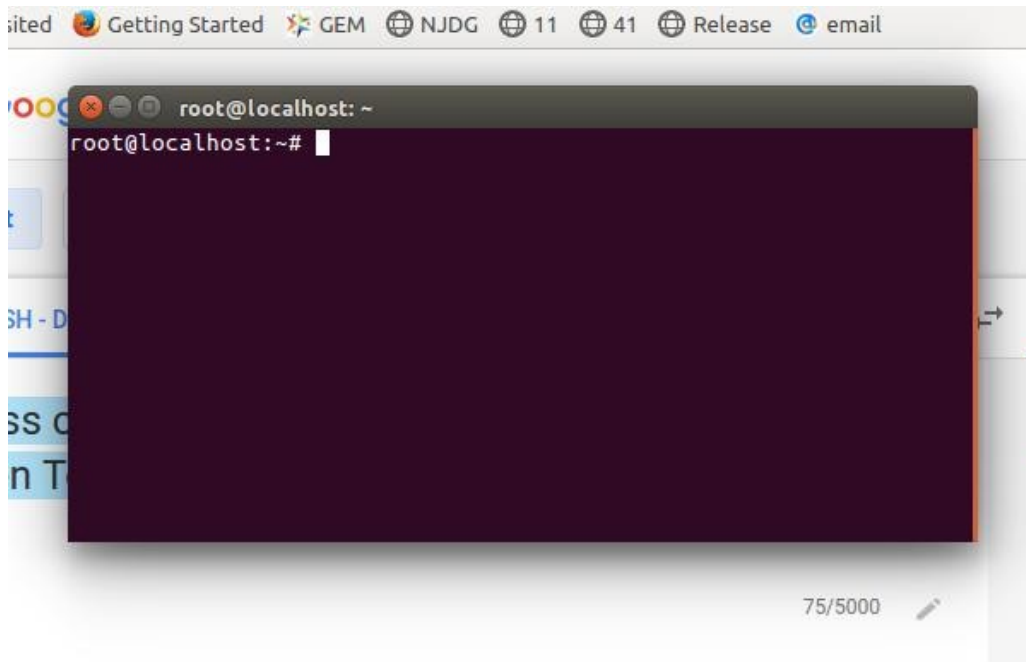


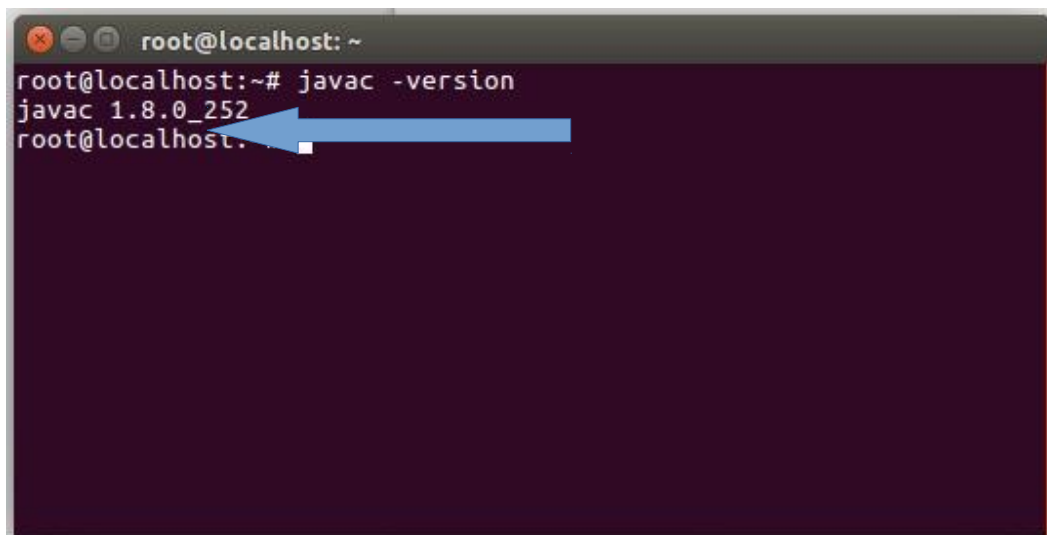
Prerequisite : -

- I. **JAVA** ,you must have an install **jdk1.8** in your system.
- II. Press **ctrl+alt+t** on in your system screen and then open **Terminal** like this.

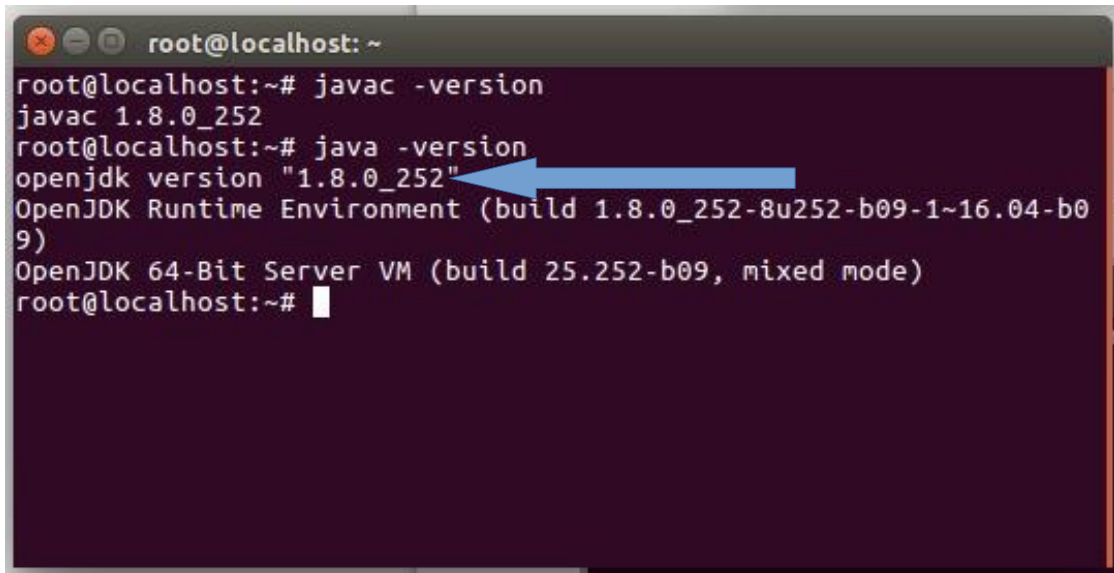


Then type **javac -version** on terminal prompt.

#>**javac -version** press Enter.



continue in terminal then type **java -version** terminal prompt and press Enter.

A terminal window with a dark purple background and white text. The window title is 'root@localhost: ~'. The commands and output are as follows:

```
root@localhost:~# javac -version
javac 1.8.0_252
root@localhost:~# java -version
openjdk version "1.8.0_252"
OpenJDK Runtime Environment (build 1.8.0_252-8u252-b09-1~16.04-b09)
OpenJDK 64-Bit Server VM (build 25.252-b09, mixed mode)
root@localhost:~#
```

A blue arrow points to the text 'openjdk version "1.8.0_252"'.

```
root@localhost:~# javac -version
javac 1.8.0_252
root@localhost:~# java -version
openjdk version "1.8.0_252"
OpenJDK Runtime Environment (build 1.8.0_252-8u252-b09-1~16.04-b09)
OpenJDK 64-Bit Server VM (build 25.252-b09, mixed mode)
root@localhost:~#
```

Note:- If you want to remove jdk (java) because which was not prerequisite on your system please follow these steps.

open terminal and type command.

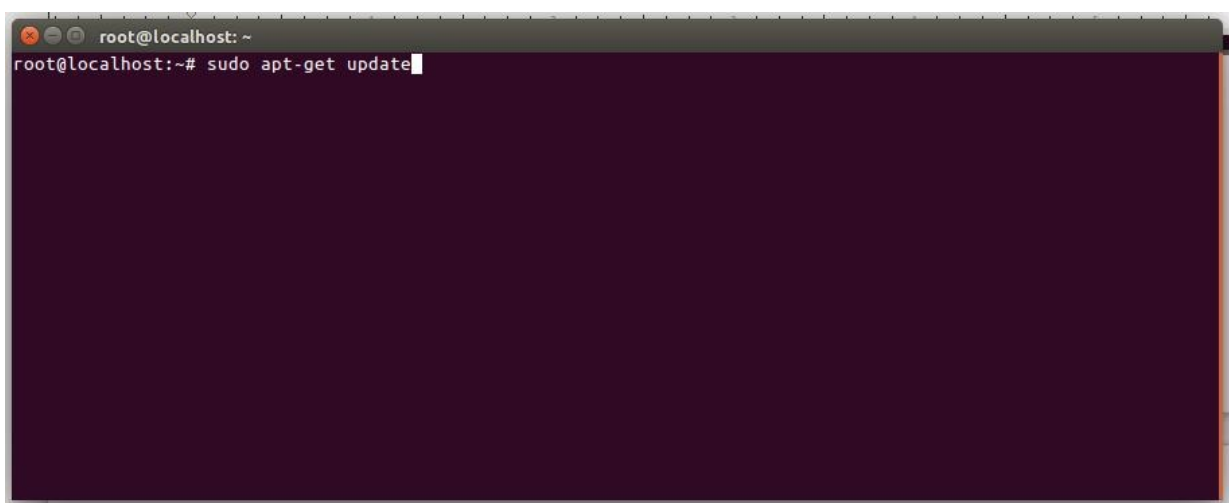
```
# sudo apt-get remove default-jre
```

```
# sudo apt-get remove default-jdk
```

III. If Not installed jdk1.8 and jre1.8 in your system please follow these steps(Your System must be Internet Connected).

a. open terminal press **ctl+alt+t**.

b. type command like this **#>sudo apt-get update** press enter.

A terminal window with a dark purple background and white text. The window title is 'root@localhost: ~'. The command entered is 'sudo apt-get update' followed by a cursor.

```
root@localhost:~# sudo apt-get update
```

```
root@localhost:~# sudo apt-get update
Hit:1 http://dl.google.com/linux/chrome/deb stable InRelease
Hit:2 http://in.archive.ubuntu.com/ubuntu xenial InRelease
Hit:3 http://packages.microsoft.com/repos/vscode stable InRelease
Get:4 http://in.archive.ubuntu.com/ubuntu xenial-updates InRelease [109 kB]
Get:5 http://security.ubuntu.com/ubuntu xenial-security InRelease [109 kB]
Hit:6 http://ppa.launchpad.net/maarten-baert/simplescreenrecorder/ubuntu xenial InRelease
Get:7 http://security.ubuntu.com/ubuntu xenial-security/main amd64 DEP-11 Metadata [86.9 kB]
Get:8 http://security.ubuntu.com/ubuntu xenial-security/universe amd64 DEP-11 Metadata [124 kB]
Get:9 http://in.archive.ubuntu.com/ubuntu xenial-backports InRelease [107 kB]
Get:10 http://in.archive.ubuntu.com/ubuntu xenial-updates/main amd64 DEP-11 Metadata [326 kB]
Get:11 http://security.ubuntu.com/ubuntu xenial-security/multiverse amd64 DEP-11 Metadata [2,464 B]
Get:12 http://in.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 DEP-11 Metadata [276 kB]
Get:13 http://in.archive.ubuntu.com/ubuntu xenial-updates/multiverse amd64 DEP-11 Metadata [5,956 B]
Get:14 http://in.archive.ubuntu.com/ubuntu xenial-backports/main amd64 DEP-11 Metadata [3,328 B]
Get:15 http://in.archive.ubuntu.com/ubuntu xenial-backports/universe amd64 DEP-11 Metadata [6,616 B]
Fetched 1,156 kB in 38s (29.9 kB/s)
Reading package lists... Done
root@localhost:~#
```

c. After update then type next command and enter.

#>sudo apt-get install openjdk-8-jdk openjdk-8-jre

press Enter

```
root@localhost:~# sudo apt-get install openjdk-8-jdk
```

If asking password? Please enter your systems password

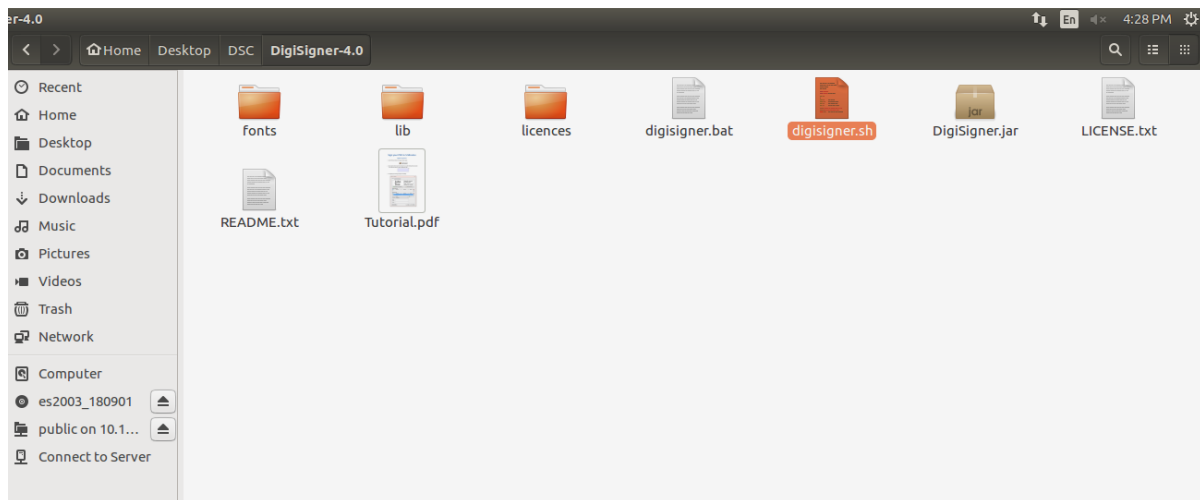
```
root@localhost:~# sudo apt-get install openjdk-8-jdk
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
 libdbusmenu-gtk4 libllvm3.8 libqmi-glib1 libqpdf17 snap-confine snapd-login-service ubuntu-core-launcher
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
 openjdk-8-jdk-headless openjdk-8-jre openjdk-8-jre-headless
Suggested packages:
 openjdk-8-demo openjdk-8-source visualvm icedtea-8-plugin fonts-ipafont-gothic fonts-ipafont-mincho
 fonts-wqy-microhei fonts-wqy-zenhei fonts-indic
The following packages will be upgraded:
 openjdk-8-jdk openjdk-8-jdk-headless openjdk-8-jre openjdk-8-jre-headless
4 upgraded, 0 newly installed, 0 to remove and 90 not upgraded.
Need to get 36.9 MB of archives.
After this operation, 5,120 B of additional disk space will be used.
Do you want to continue? [Y/n] Y
0% [Connecting to in.archive.ubuntu.com]
```

D. After successfully installed java then follow next steps.

IV. Then go to DigiSigner-4.0 Software Folder.

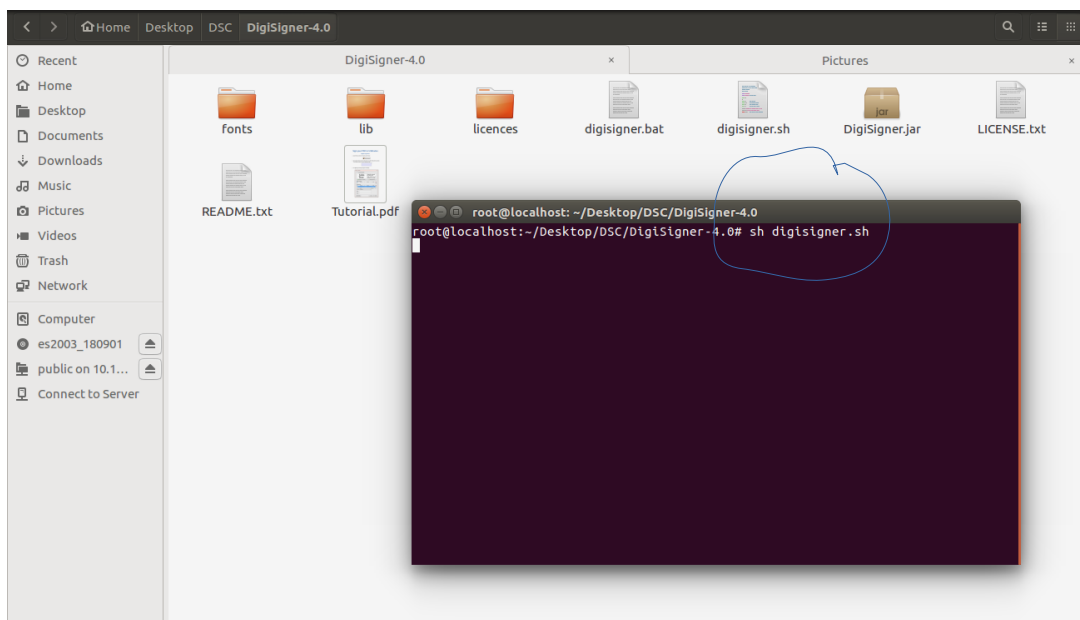
Steps to be Taken : -

- I. First-Fall connect your USB device(DSC) in your system.
- II. Copy digisigner-4.0-install.zip into Desktop.
- III. Extract it.
- IV. Double click on DigiSigner-4.0 folder
- V. digisigner.sh file will be available.

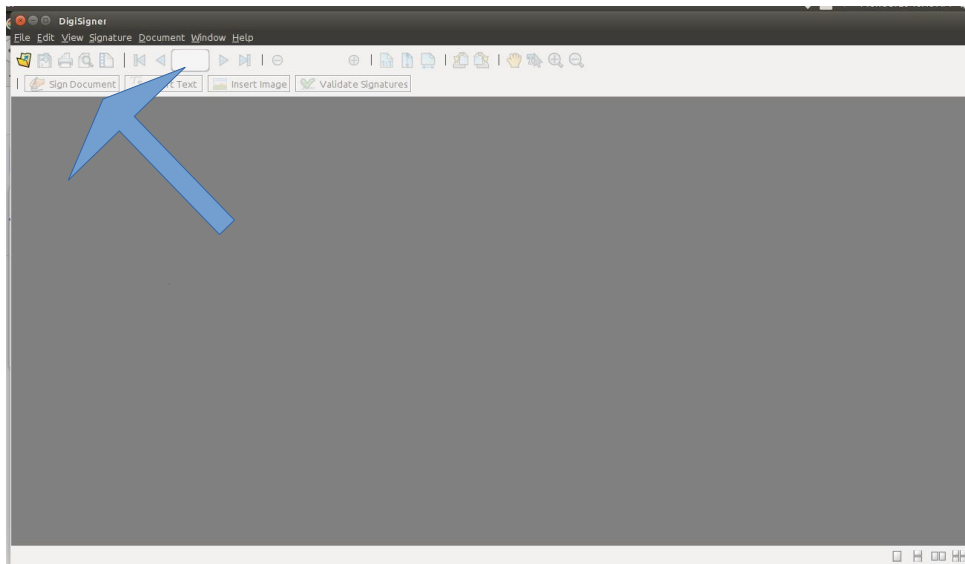


VI. Right click and open **terminal**.

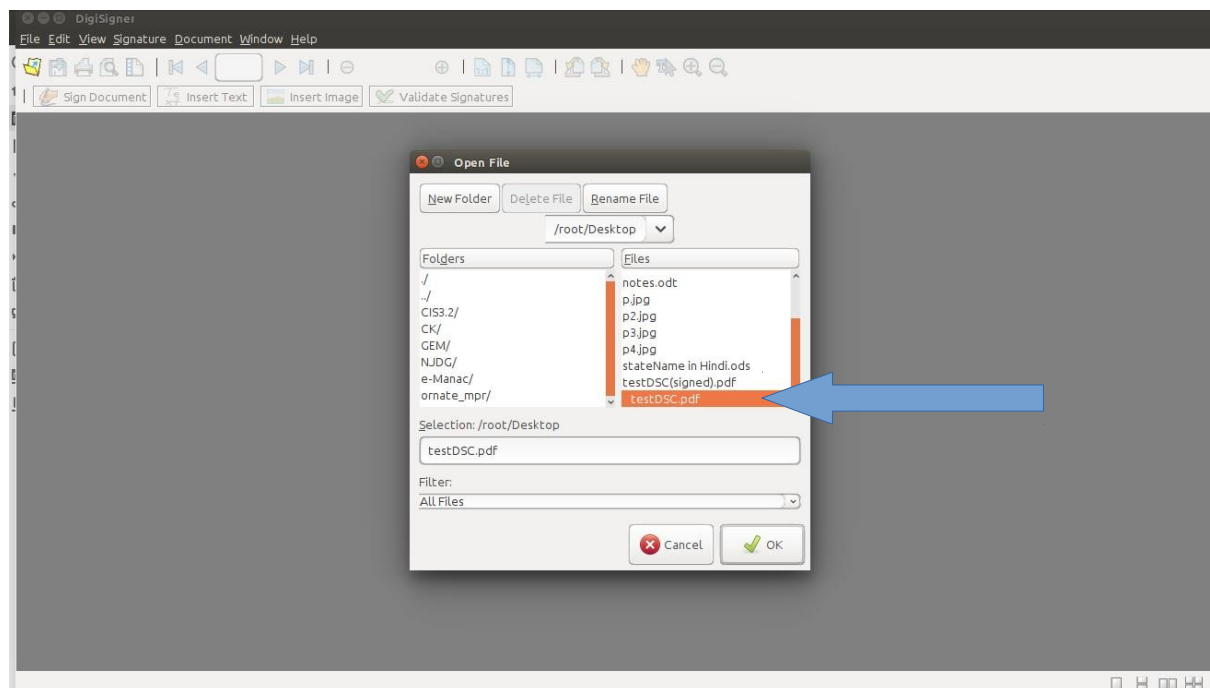
VII. type **sh digisigner.sh**



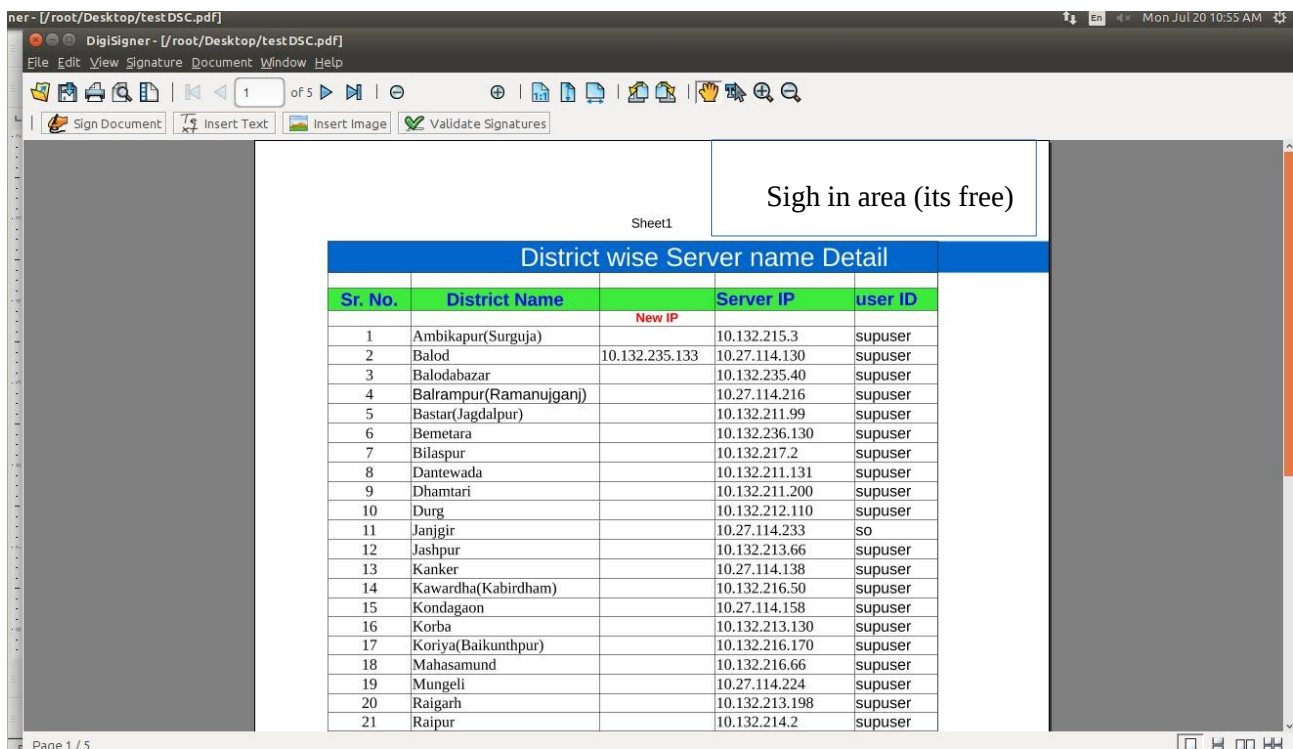
VIII. Wait for a while application will be opened.



IX. Go to Open document and select file which you want to digitally signature.

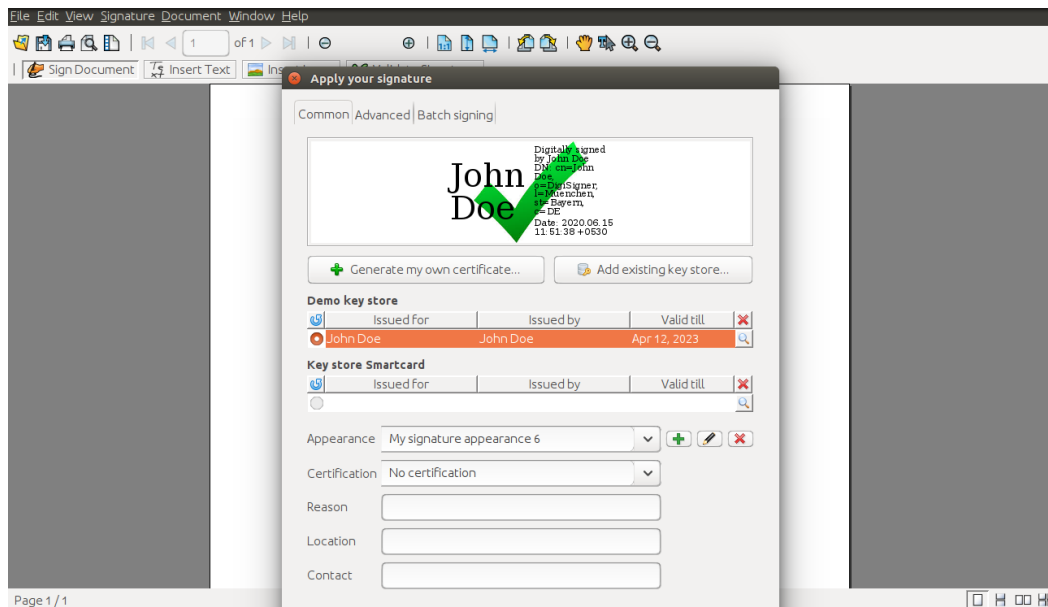


Your opened window look like this .

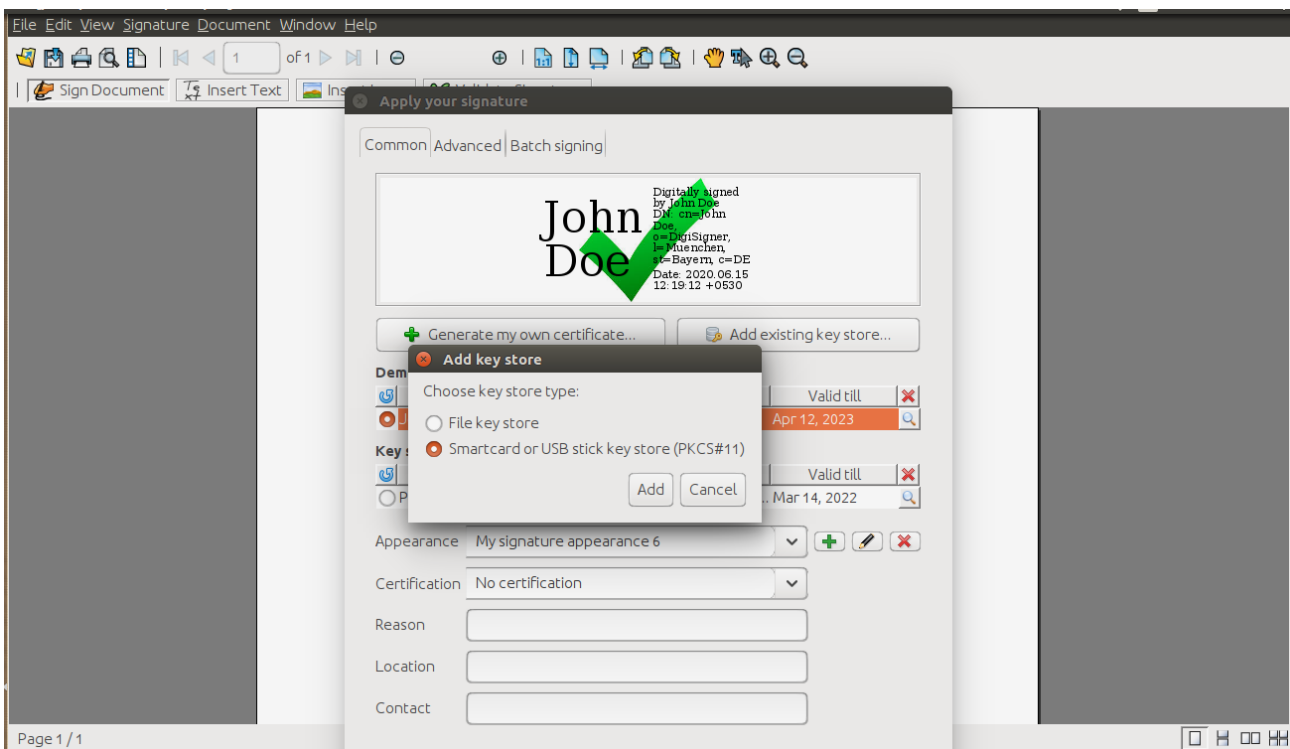


X. Click on sign document option. You will get **+** sign to select specified area where you want to use digital signature.

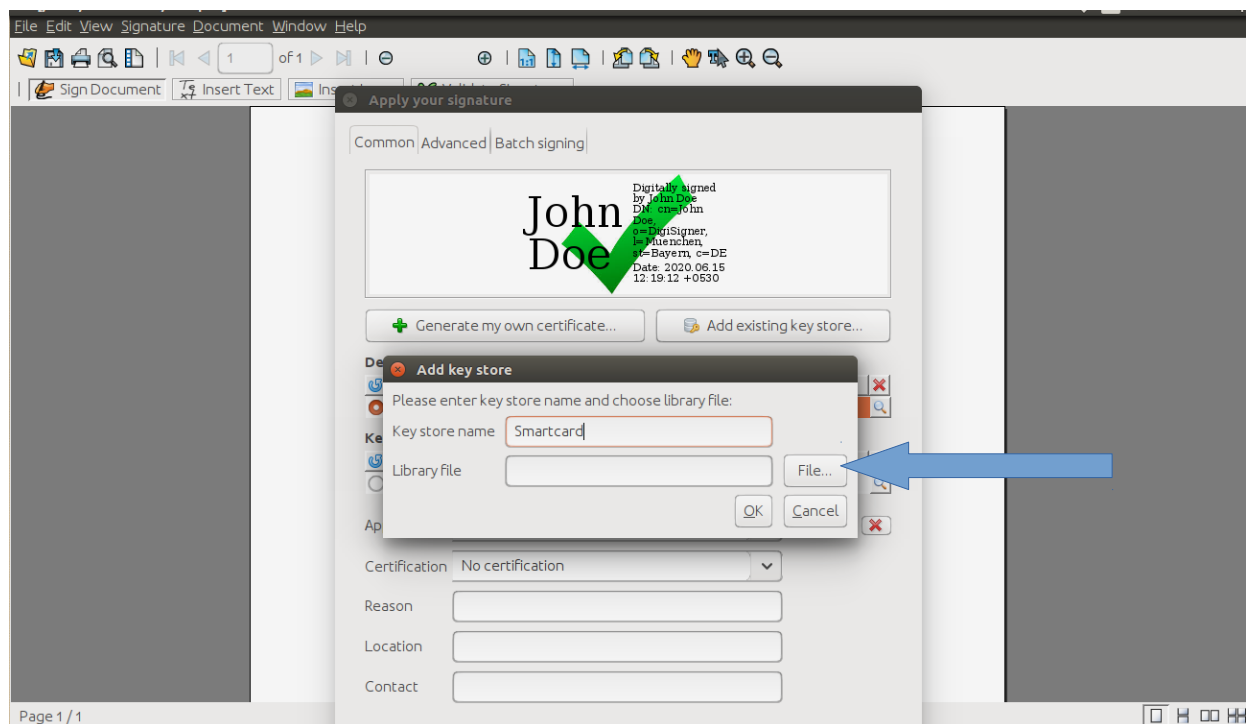
XI. If DSC is not available for selection from key store smartcard, then select Add existing key store.



➔ Select smartcard or USB stick key store .



→ Click on File button to upload library file from **DSC** → **ePass-Linux** → **ePass2003** → **Linux-x64** → **ePass2003-Linux-x64** → **redist** → **libcastle.so.1.0.0**



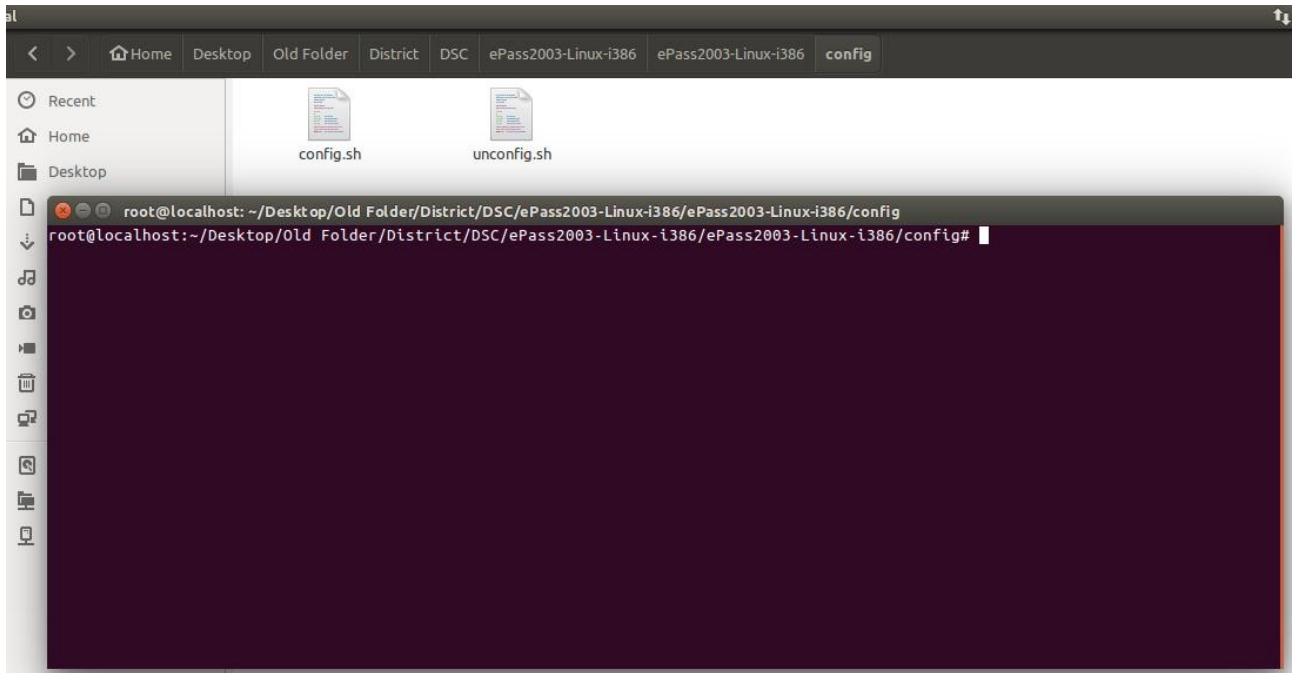
→ Your DSC will be available for selection in key store smartcard for selection.

→ If done then go to the point no. (XII) for further process of continuing.

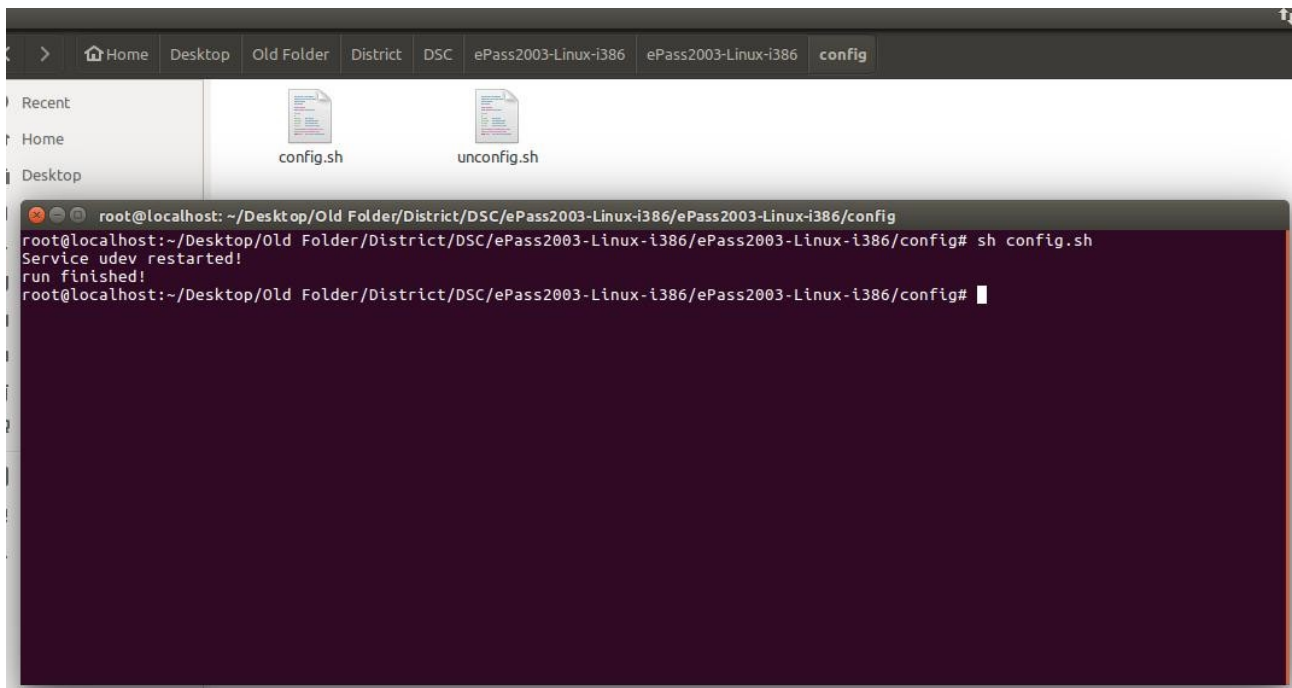
Note:- If Above process is done but your DSC is not working then follow these steps.

- Go to the folder of **ePass2003-Linux-i386** (if your system is **i386** architecture) of these locations
(**./../DSC/ePass2003-Linux-i386/ePass2003-Linux-i386/config**).

- then run on terminal each of files (**config.sh** and **unconfig.sh**) in one by one for further process.
- Right Click and open Terminal.



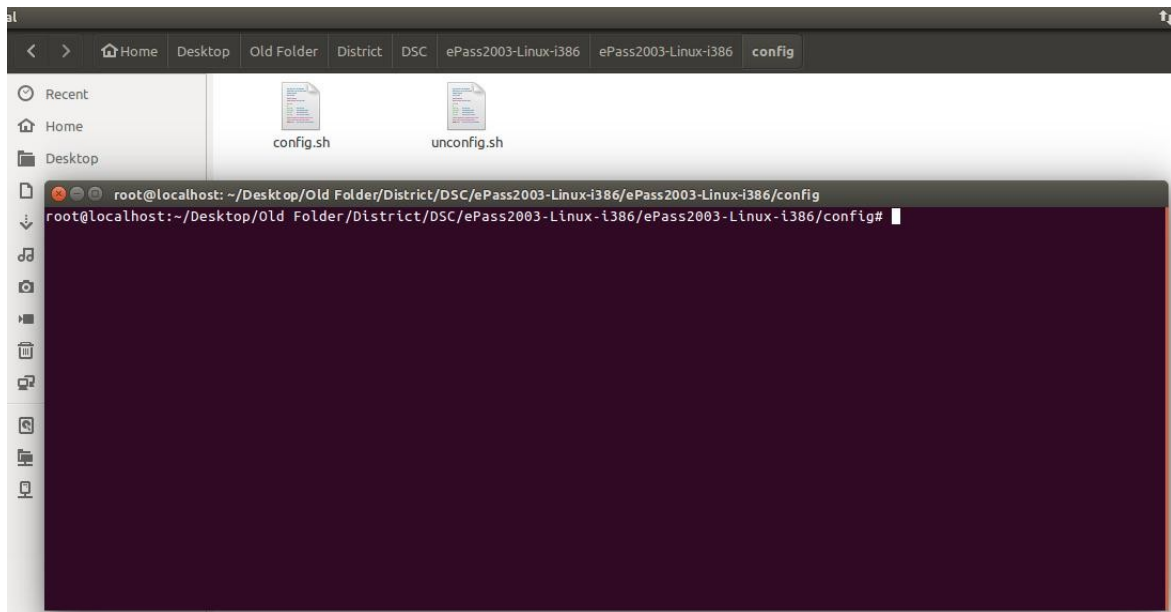
- Then type command **#>sh config.sh** press Enter.



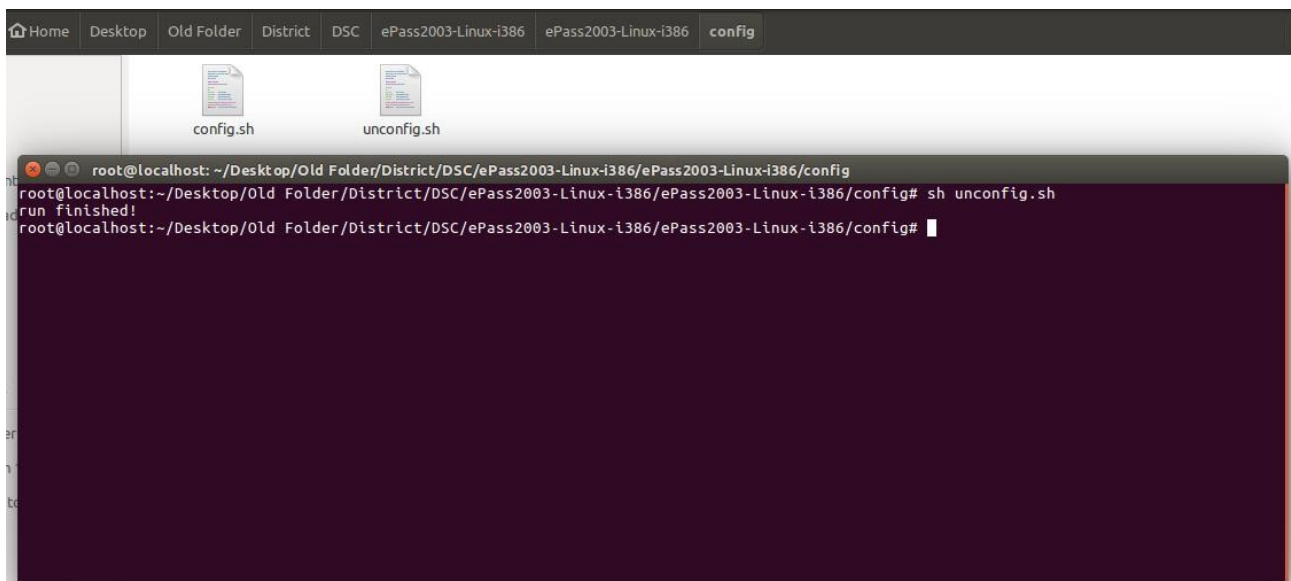
after that above message is showing on terminal, then **restart** of your system.

- **And Follow the DSC beginning user manual procedure to start point.**
- If done then go to the point no. (XII) for further process of continuing.
- If again DSC is not start then follow the procedure and run **unconfig.sh** file.

- Right Click and open Terminal.



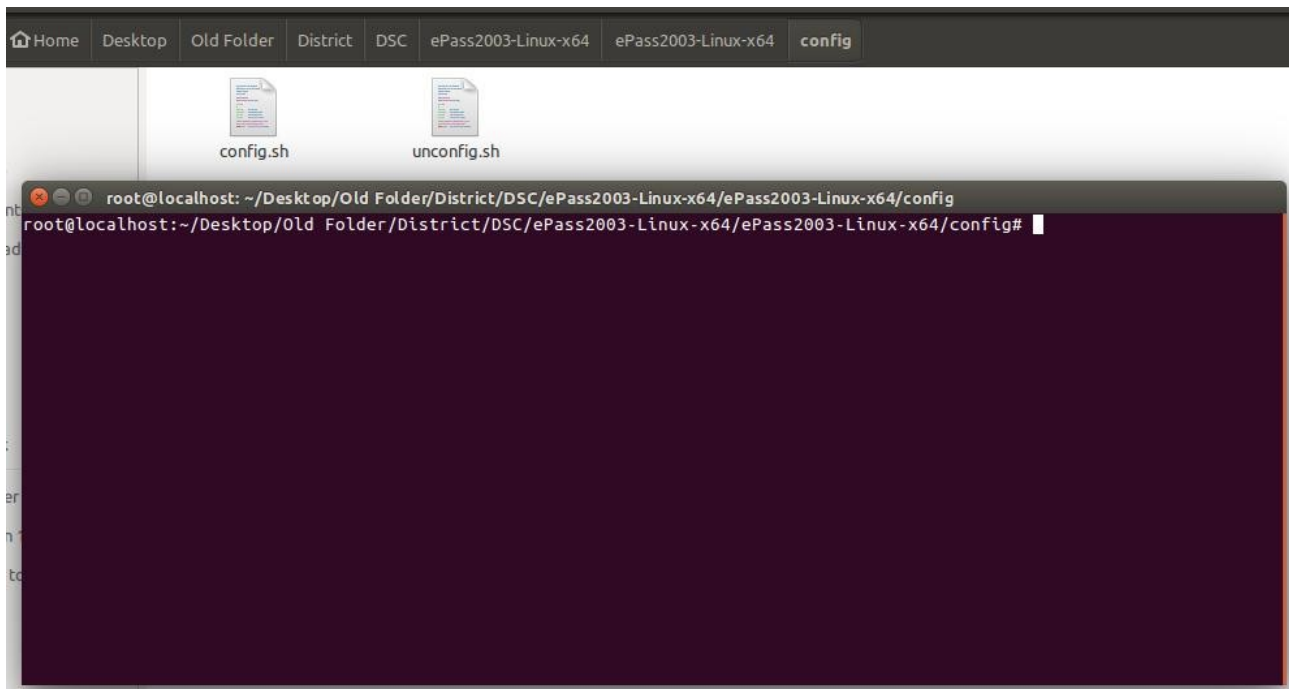
- Then type command `#>sh unconfig.sh` press Enter.



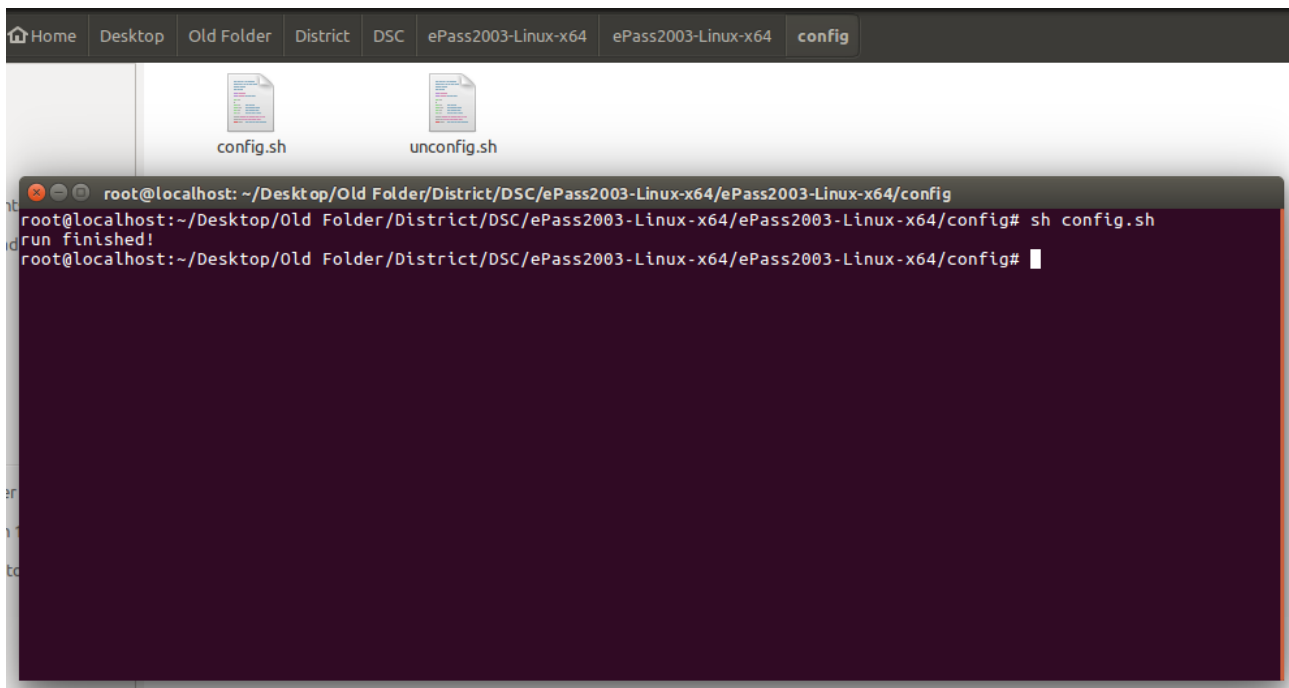
after that above message is showing on terminal, then **restart** of your system.

- **And Follow the DSC beginning user manual procedure to start point.**
- If done then go to the point no. (VII) for further process of continuing.
- If again DSC is not start then follow the procedure and run **config.sh** file.
- Go to the folder of **ePass2003-Linux-x64** (if your system is x64 architecture) of these locations **(../DSC/ePass2003-Linux-x64/ePass2003-Linux-x64/config)**.
- then run on terminal each of files (**config.sh** and **unconfig.sh**) in one by one for further process.

- Right Click and open Terminal.

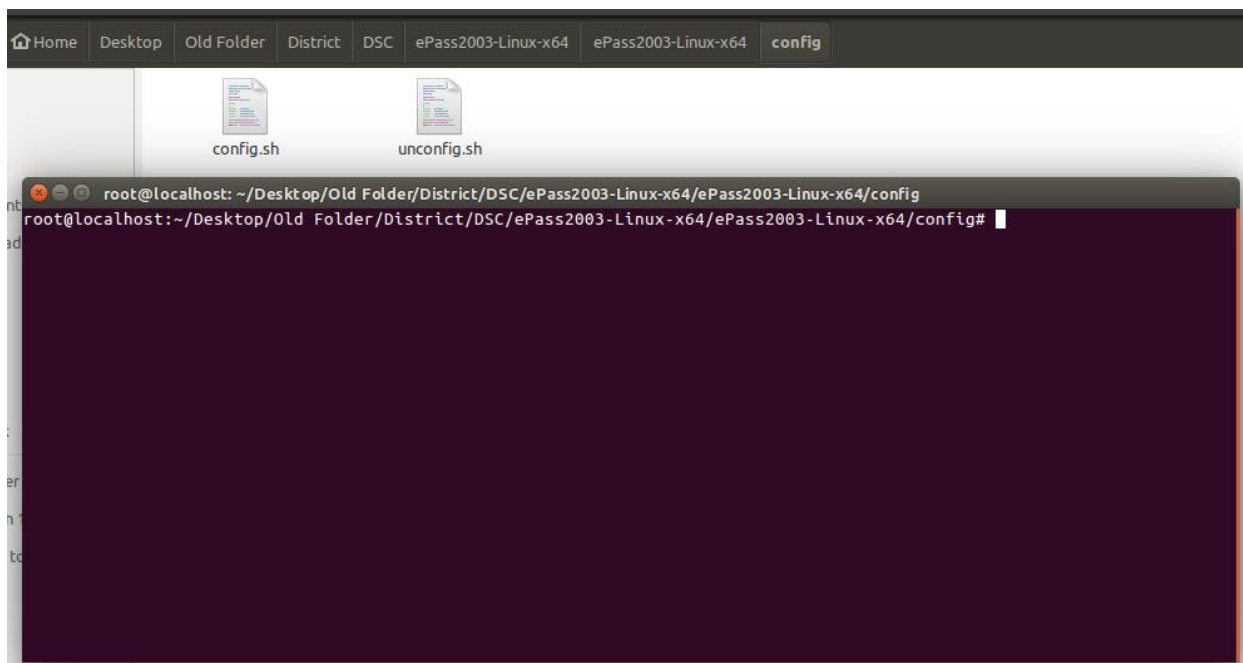


- Then type command `#>sh config.sh` press Enter.

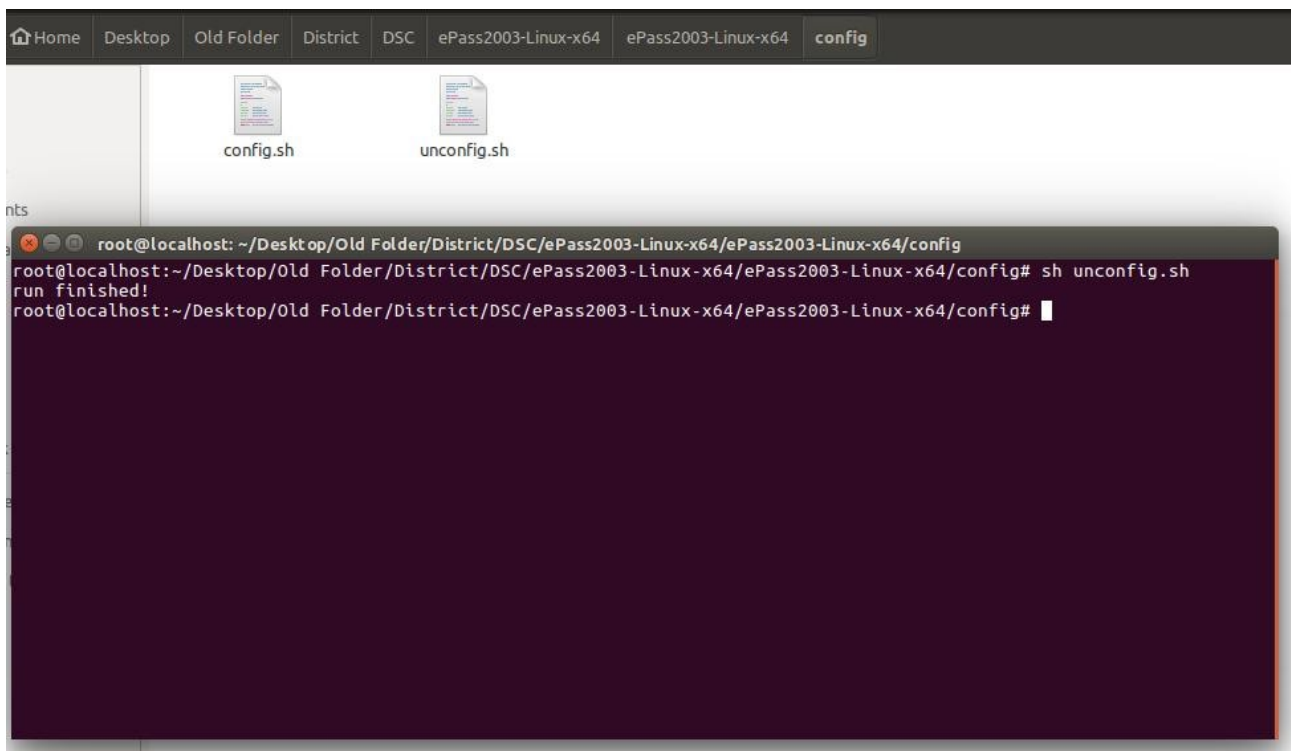


after that above message is showing on terminal, then **restart** of your system.

- **And Follow the DSC beginning user manual procedure to start point.**
- If done then go to the point no. **(XII)** for further process of continuing
- If again DSC is not start then follow the procedure and run **unconfig.sh** file.
- Right Click and open Terminal.



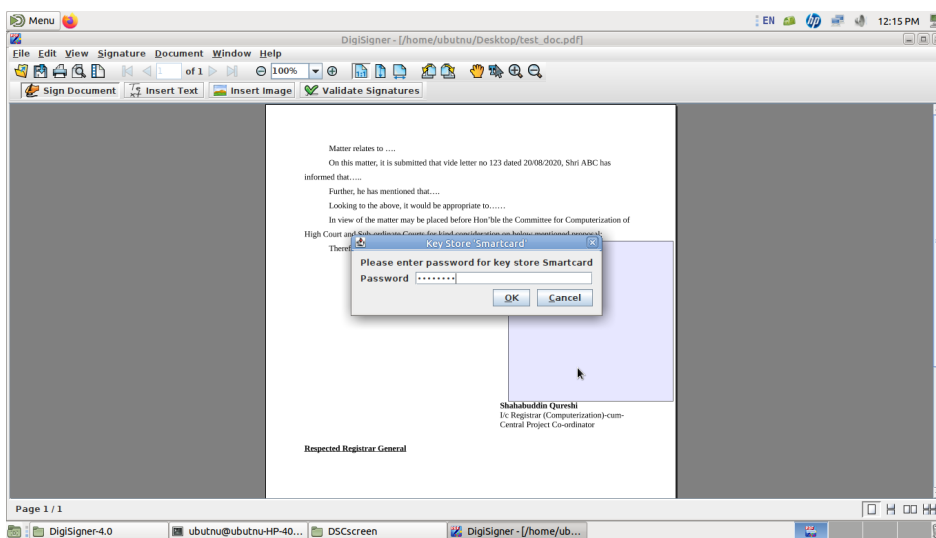
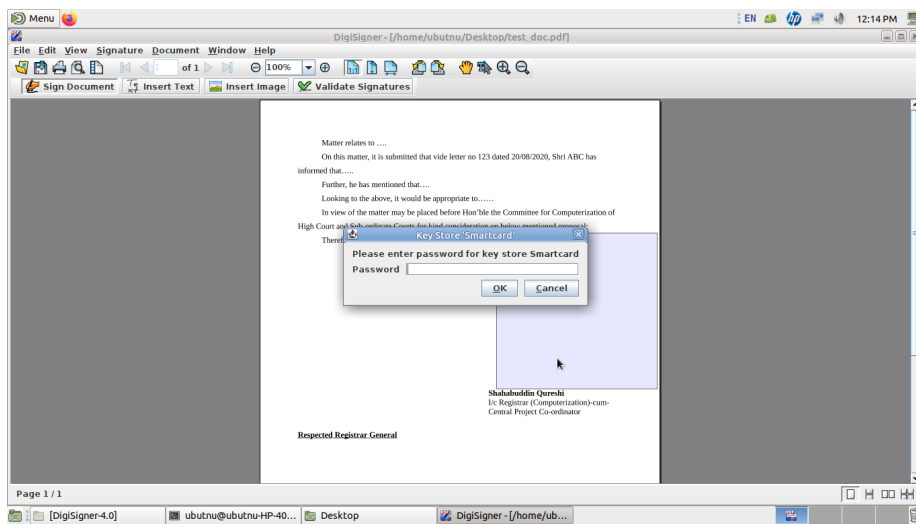
- Then type command `#>sh unconfig.sh` press Enter.



after that above message is showing on terminal, then **restart** of your system.

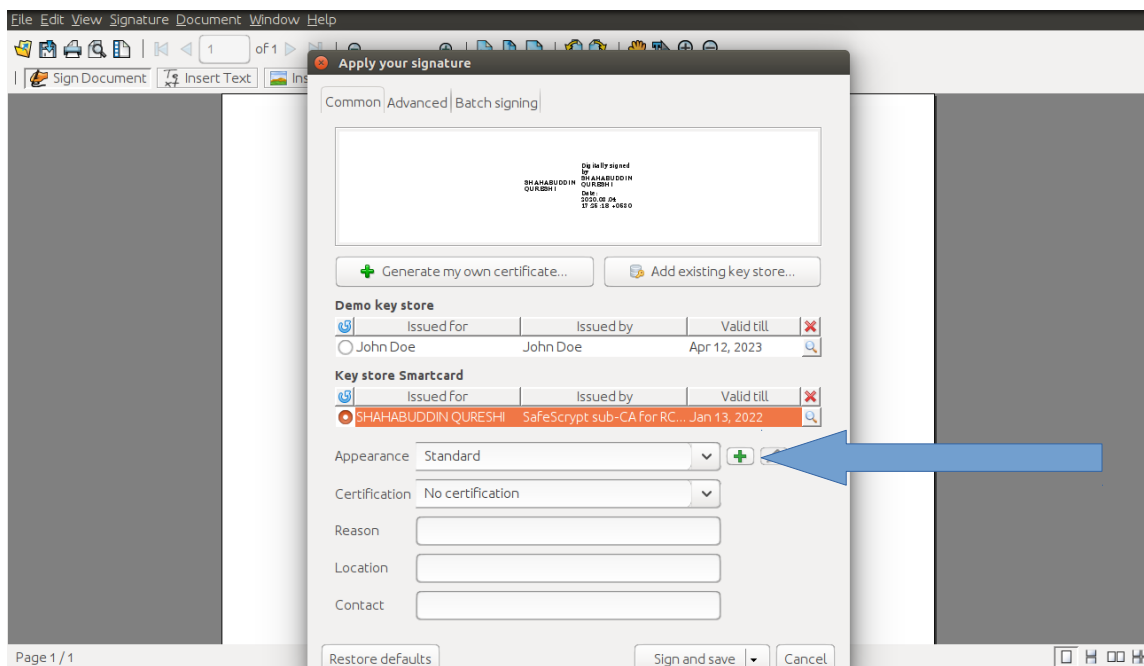
- **And Follow the DSC beginning user manual procedure to start point.**

XII. Enter provided password and click ok.



XIII. Select DSC from key store smartcard.

- Click on + **sign** and ensure to mark in check box.

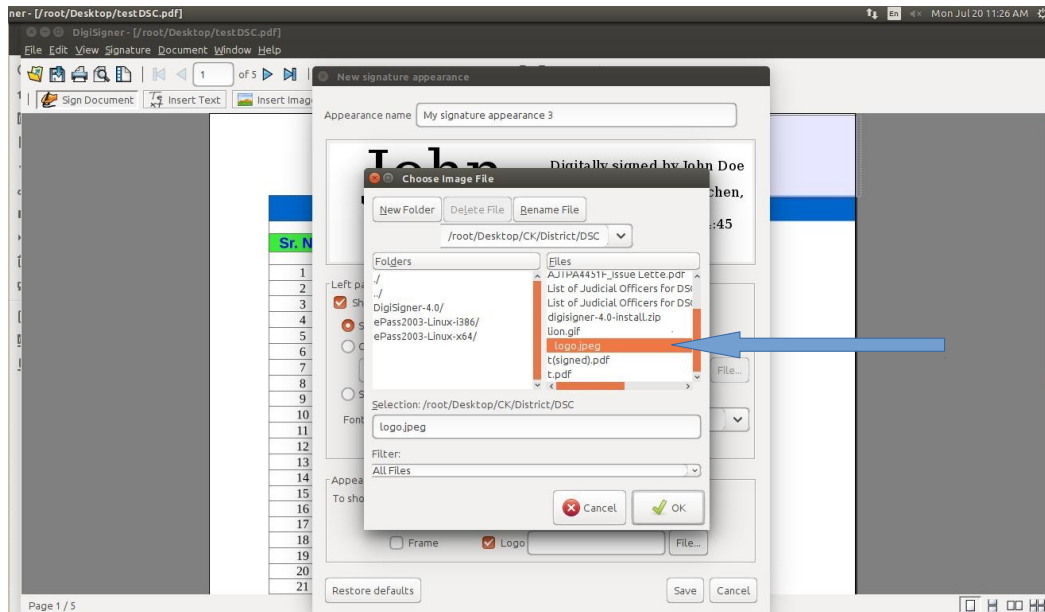


Appearance attributes

To show	<input checked="" type="checkbox"/> Name	<input checked="" type="checkbox"/> Reason	<input checked="" type="checkbox"/> Location
	<input checked="" type="checkbox"/> Date	<input checked="" type="checkbox"/> Distinguished name	<input checked="" type="checkbox"/> Labels
	<input type="checkbox"/> Frame	<input checked="" type="checkbox"/> Logo	<input type="text" value=""/> File...

Restore defaults Save Cancel

- Select image file for adding **Logo** which is provided with attachment.



New signature appearance

Appearance name: My signature appearance 6

Left part

☒ Show left part

☒ Signer name

☐ Graphic

☐ Signature text

Font: Standard

☐ Italic ☐ Bold

Right part

☒ Show right part

☐ Signer name

☐ Graphic

☒ Signature text

Font: Standard

☐ Italic ☐ Bold

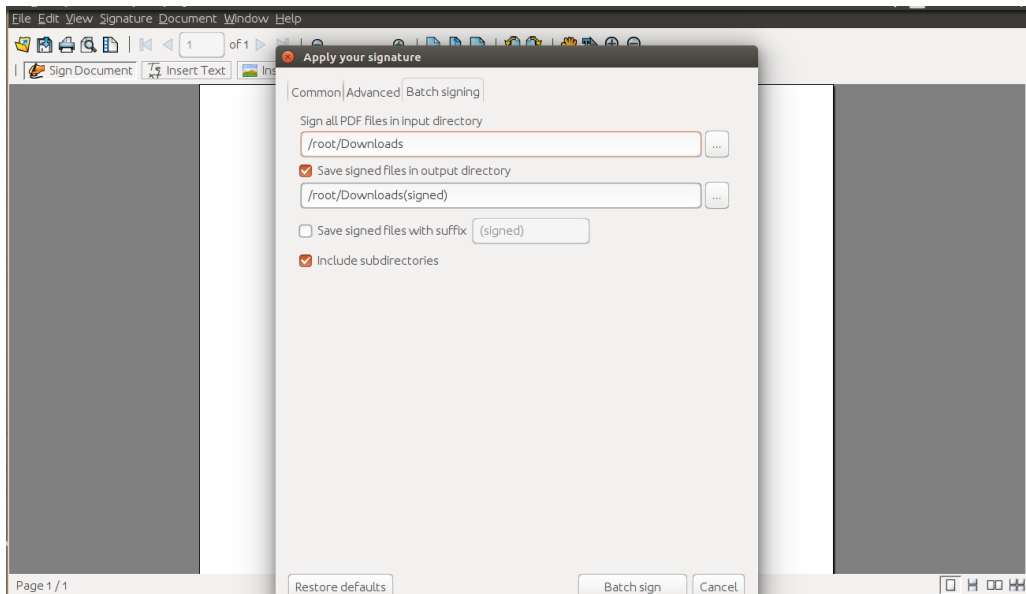
Appearance attributes

To show	<input checked="" type="checkbox"/> Name	<input checked="" type="checkbox"/> Reason	<input checked="" type="checkbox"/> Location
	<input checked="" type="checkbox"/> Date	<input checked="" type="checkbox"/> Distinguished name	<input checked="" type="checkbox"/> Labels
	<input checked="" type="checkbox"/> Frame	<input checked="" type="checkbox"/> Logo	<input type="text" value="Desktop/DSC/logo.jpeg"/> File...

Restore defaults Save Cancel

- Click on OK button.
- Click on save button.

- Click on save button.
- You can save signed file location using Batch Signing tab.



- Select My signature appearance 1 from drop down list of appearance.
- Click on Sign button.
- Then select “ Save as: options from file menu to save your file where your have used Digital Signature.

★ Thank you