How to use VNC using SSH tunnel (Use Saturn.ece.iit.edu or Uranus.ece.iit.edu instead of mercury.ece.iit.edu)

Note: Following procedure applies to Linux/Mac OS.

Requirements: X Display running, Tightvnc or any other vncviewer client installed, Admin/root access to local linux machine.

1. Connect to mercury using a Linux x terminal

2. run 'vncserver', note the number returned by vncserver.

3. Logout from Saturn.

4. Connect to mercury using below command,

    ssh -L 5910:127.0.0.1:5973 username@saturn.ece.iit.edu
where, 73 is the number returned from vncserver command in step 2 and 5910 is any random port.

Type your SSH password and it is recommended to minimize this X terminal. It is important that you keep this connection running for VNC to succeed.

5. Open another xterminal or as a tab. Keep the connection in step 4 running!

6. Now run below command in the new terminal from step 5

```
 vncviewer :5910
```

7. Enter your VNC password.

8. VNC connection will get established resulting in a window as below