Windows Users:
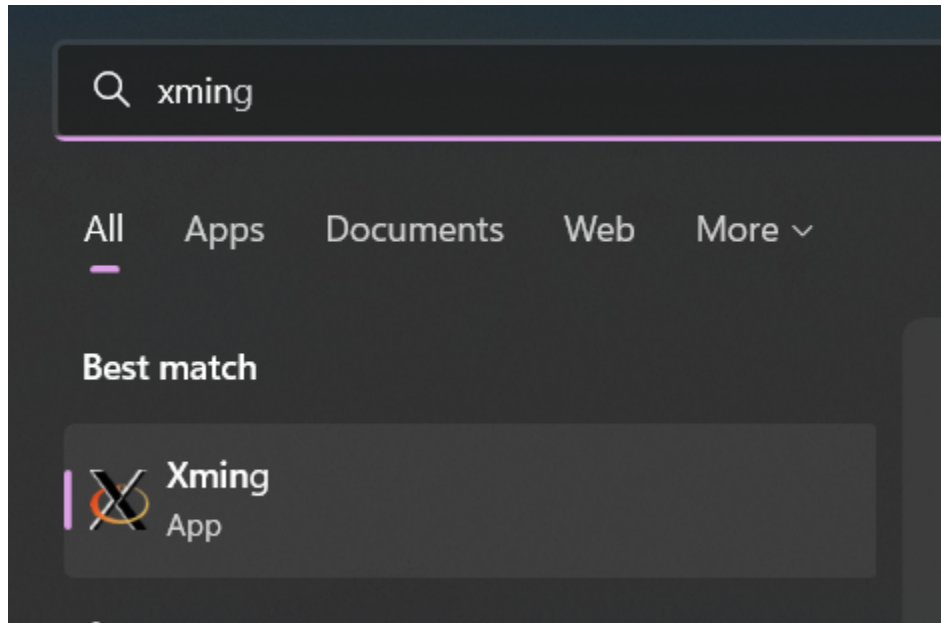
1. Install xming:

Xming X Server for Windows download | SourceForge.net

2. Start xming. It will run in the background.

3. SSH into the machine:

set DISPLAY=localhost:0.0
ssh -AYC {kerberos}@{machine}.cse.iitd.ac.in

Use your GCL password and not Kerberos password

Refer to the end of the doc for how to choose a machine to ssh to.

Ex:
ssh -AYC cs5190421@jhelum.cse.iitd.ac.in
ssh -AYC cs5190421@yamuna.cse.iitd.ac.in

```
C:\>set DISPLAY=localhost:0.0

C:\>ssh -AYC cs5190421@jhelum.cse.iitd.ac.in
Warning: No xauth data; using fake authentication data for X11 forwarding.
Last login: Wed Aug 17 14:51:28 2022 from 10.194.63.192
. /opt/Xilinx/14.7/ISE_DS/common/.settings64.sh /opt/Xilinx/14.7/ISE_DS/common
. /opt/Xilinx/14.7/ISE_DS/EDK/.settings64.sh /opt/Xilinx/14.7/ISE_DS/EDK
. /opt/Xilinx/14.7/ISE_DS/PlanAhead/.settings64.sh /opt/Xilinx/14.7/ISE_DS/PlanAhead
. /opt/Xilinx/14.7/ISE_DS/ISE/.settings64.sh /opt/Xilinx/14.7/ISE_DS/ISE
[cs5190421@jhelum ~]
$ vivado

****** Vivado v2016.4 (64-bit)
  **** SW Build 1756540 on Mon Jan 23 19:11:19 MST 2017
  **** IP Build 1755317 on Mon Jan 23 20:30:07 MST 2017
    ** Copyright 1986-2016 Xilinx, Inc. All Rights Reserved.

start_gui
```

Linux Users:

ssh -X {kerberos}@{machine}.cse.iitd.ac.in

Use your GCL password and not Kerberos password

Refer to the end of the doc for how to choose a machine to ssh to.

Ex:
ssh -X cs5190421@jhelum.cse.iitd.ac.in
ssh -X cs5190421@yamuna.cse.iitd.ac.in

How to choose a machine to ssh?

There are seven servers available:
1. godavari
2. jhelum
3. narmada
4. yamuna
5. ganga
6. satluj
7. hooghly

Choose the server with an index = (last five digits of entry number modulo seven) + 1.
Ex:
Entry number = 2019CS50421
Last five digits = 50421
Modulo value = 50421%7 = 0
Hence, I will choose 0+1= the 1st server.

ssh -AYC cs5190421@godavari.cse.iitd.ac.in