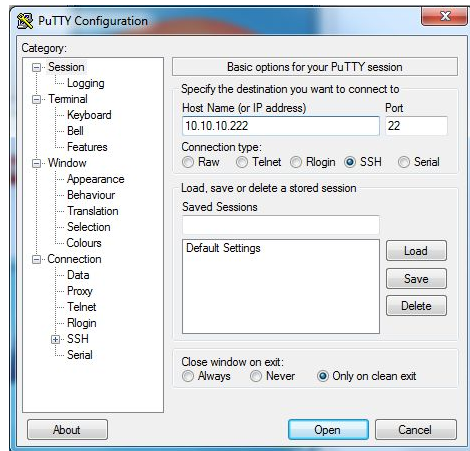
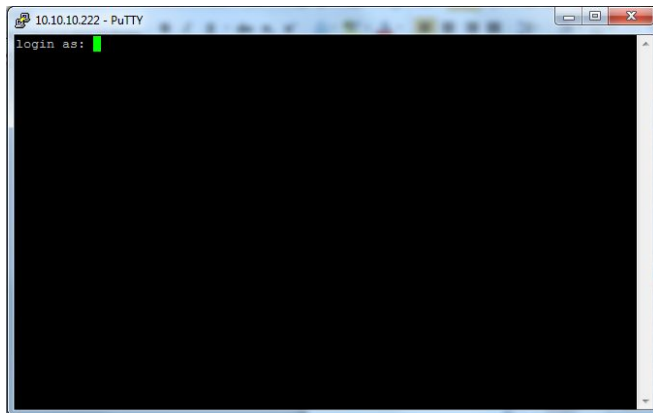


How to install BNN package in Pynq board?

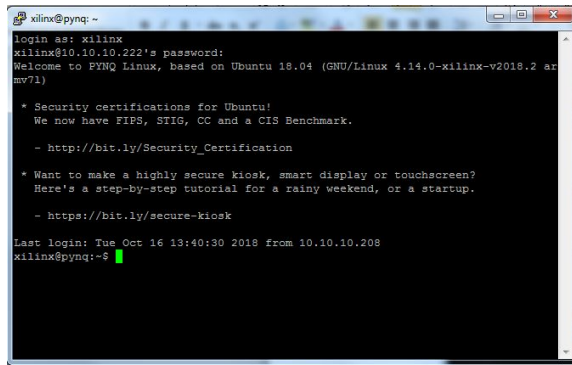
1. Write compatible image file in sd card
2. Eject sd card from the computer and insert in the pynq board.
3. Connect board with the network
4. Open putty.
5. Enter the IP address of the board



6. Click open
7. This terminal is open



8. Now login as Xilinx and password is xilinx.

A terminal window titled 'xilinx@pynq: ~' showing a login process. The user 'xilinx' logs in from '10.10.10.222'. The system is 'PYNQ Linux, based on Ubuntu 18.04 (GNU/Linux 4.14.0-xilinx-v2018.2 armv7l)'. It displays security certifications (FIPS, STIG, CC, CIS Benchmark) and links to security information. It also offers a tutorial for a secure kiosk. The last login was on Tue Oct 16 13:40:30 2018 from 10.10.10.208. The prompt is 'xilinx@pynq:~\$'.

9. Now as you can see you are entered in your board.

Now check version of your python by following command:

```
python-V
```

if the version is 2.xx, update your version by following command:

```
sudo apt-get install python 3.6.1
```

To upgrade Python, and everything else you have installed, just do the command:

```
sudo apt-get upgrade
```

if your pip version is not updated, update it by following command

```
sudo pip install --upgrade
```

now

```
sudo pip3 install git+https://github.com/Xilinx/BNN-PYNQ.git (on PYNQ v2.3)
```

By the above command you can install BNN package and Library as well

Now you are all set to play with your PYNQ board....