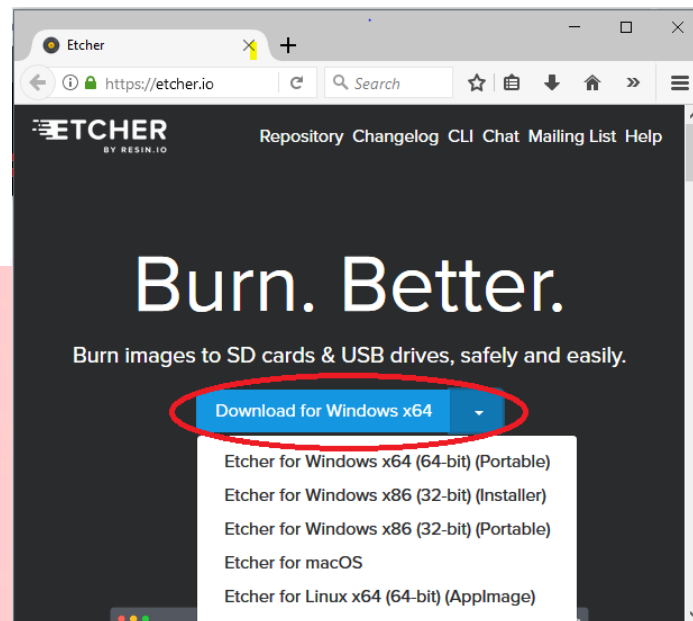
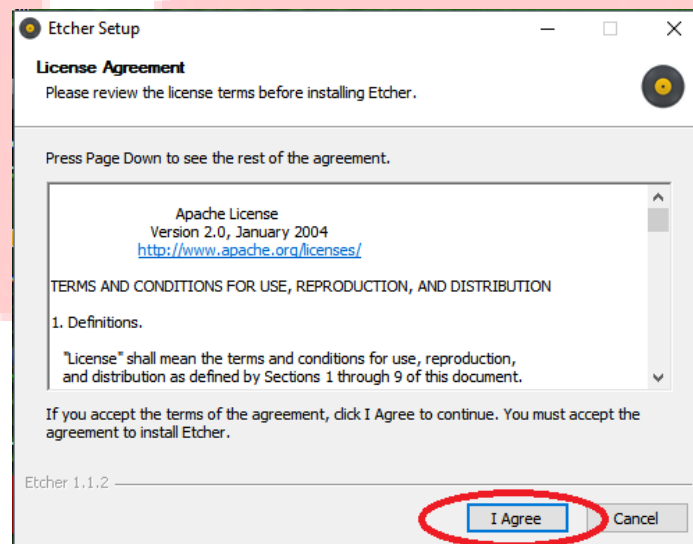


Setting up Raspberry Pi 3 on Windows

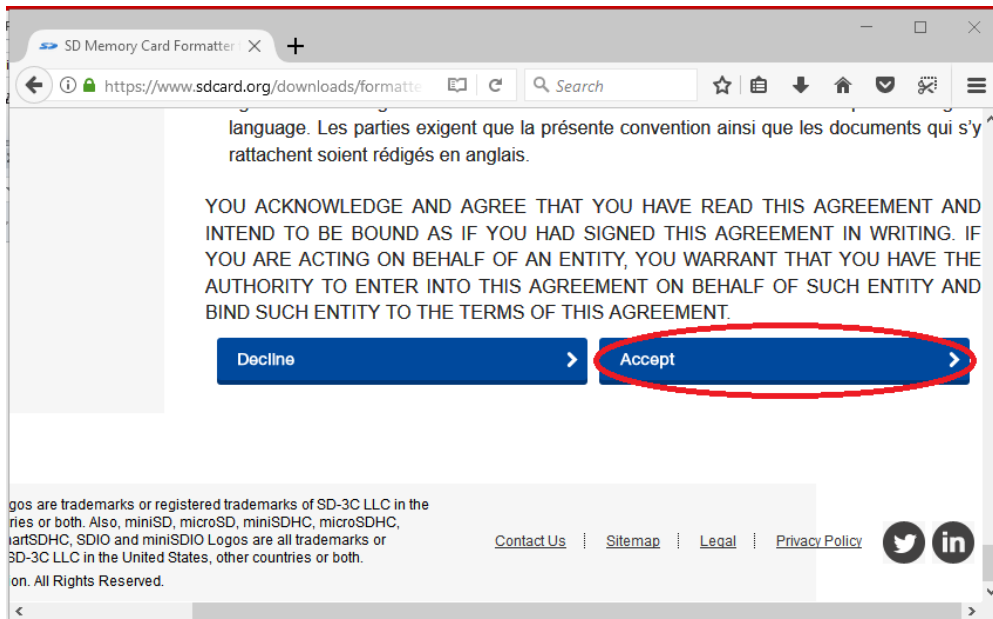
1. Go to this [link](https://etcher.io) and download "Etcher" (version: Suitable for your computer).



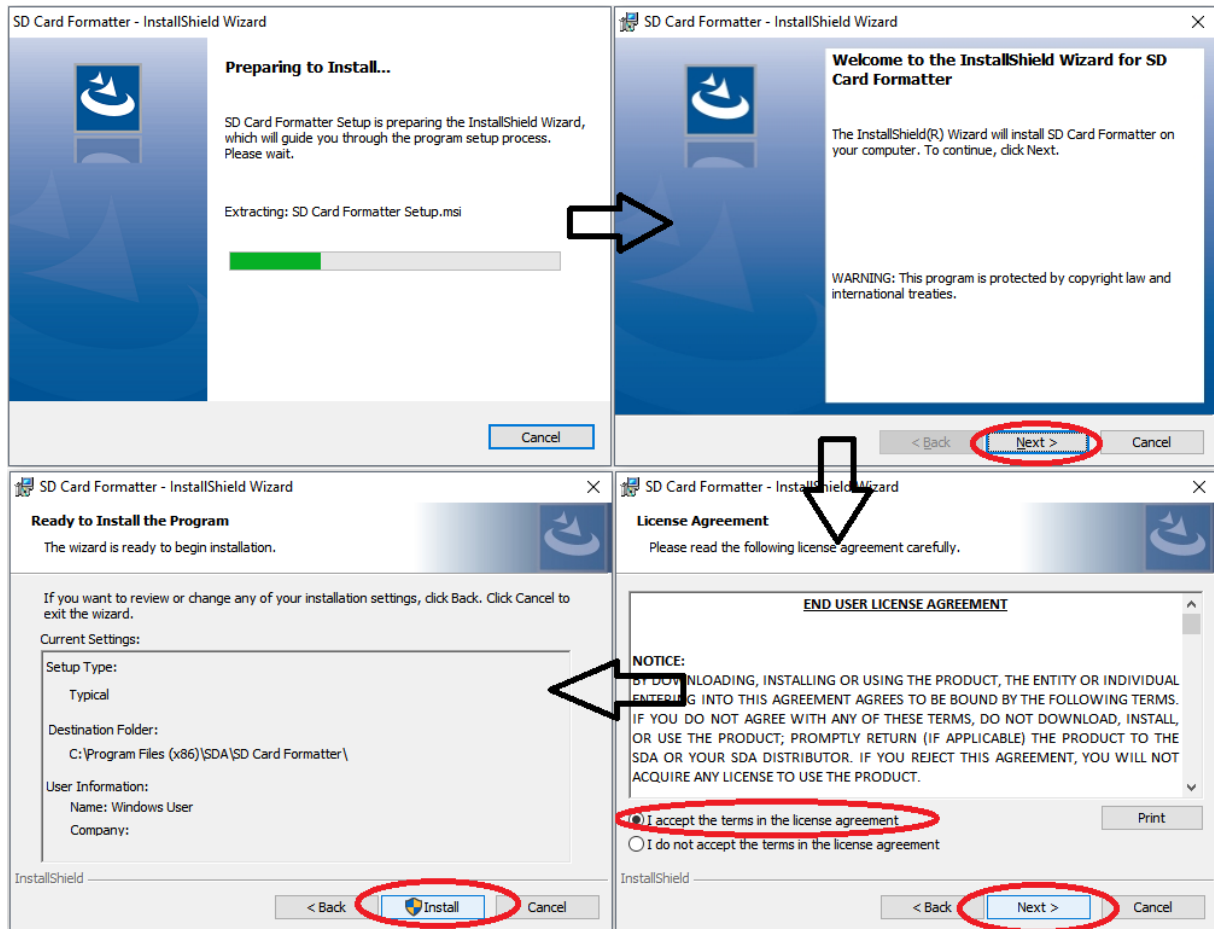
2. Install the Etcher by running the downloaded ".exe" file.



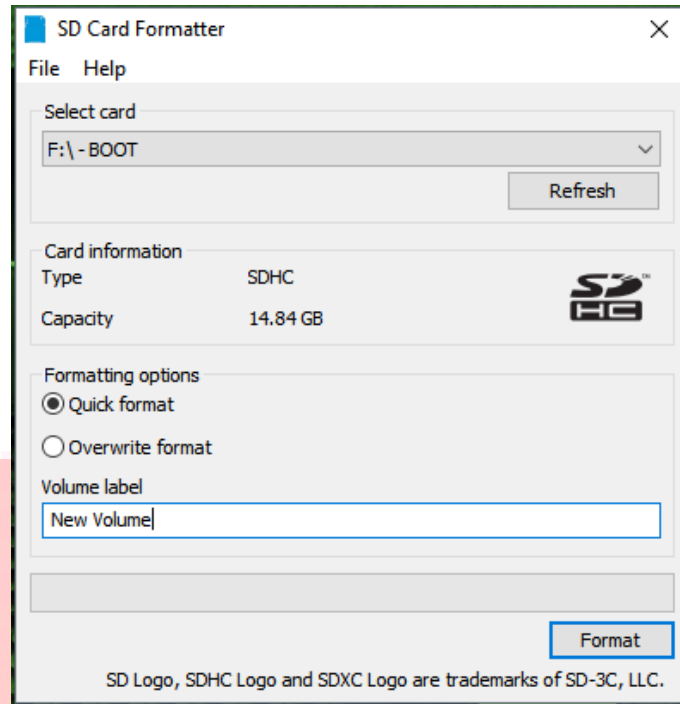
3. Preparing SD Card: Go to this [link](https://www.sdcard.org/downloads/formatter) and click on "accept" to download "SD Card Formatter".



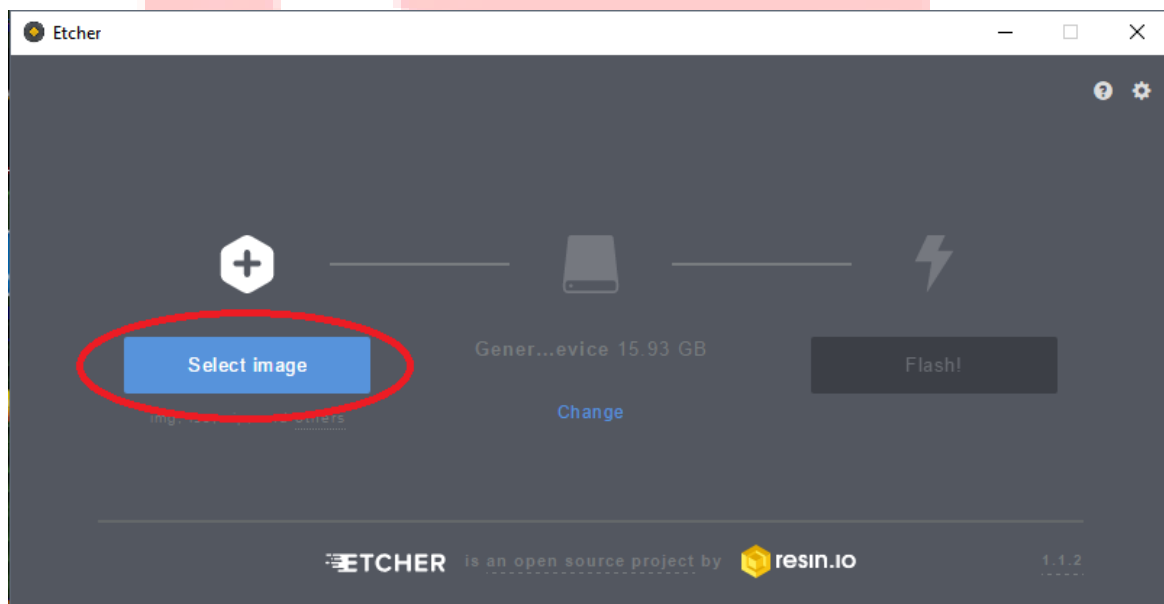
4. Install the "SD Card Formatter" by running the downloaded ".exe" file.



5. Connect a 16 GB/8 GB SD card with your computer, run the "SD Card Formatter" and format completely.

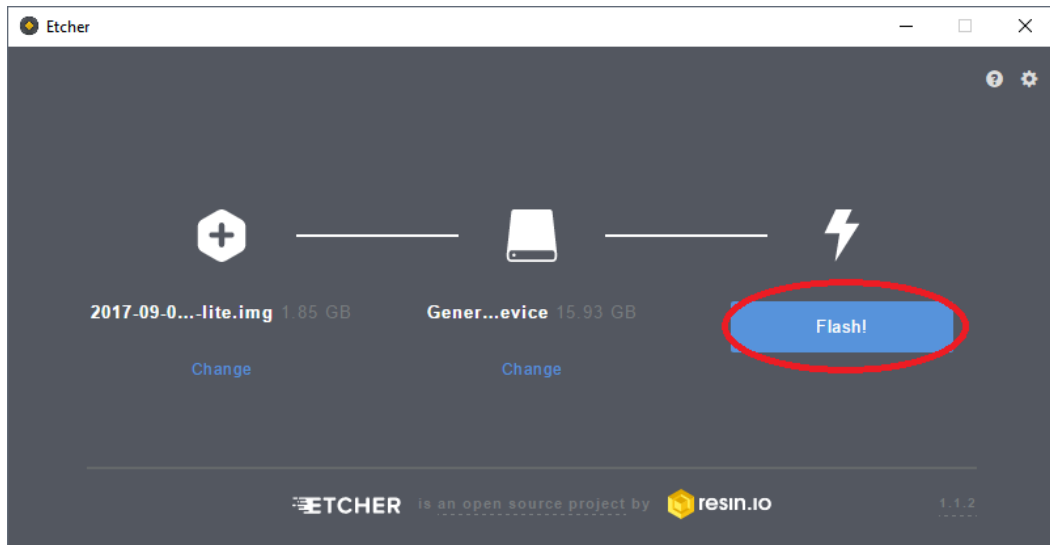


6. Downloading Operating System for Raspberry Pi: Click on this [link](#) and download the custom image of Raspberry Pi we have created for your theme. Save the zip file.
7. Once the file is downloaded, right click on it and extract. You will find a ".img" file.
8. Run "Etcher", click on "Select Image" and select the ".img" file mentioned above.



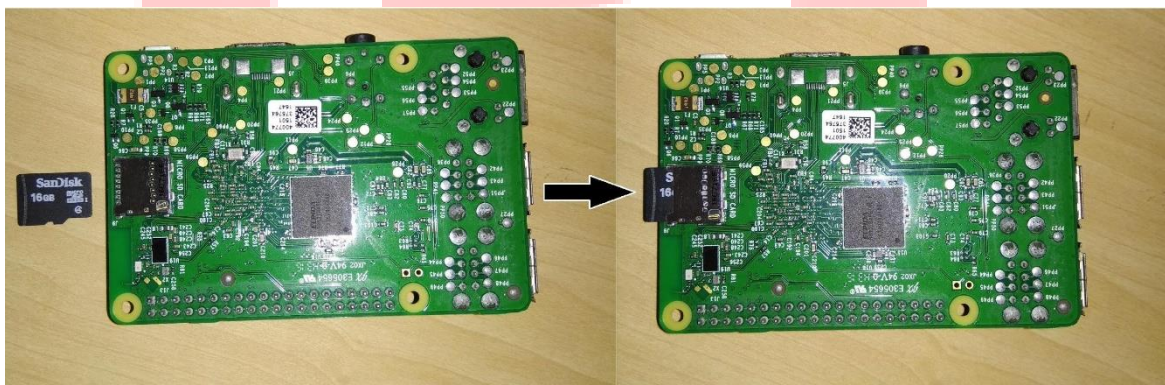
9. Once you select the Image, it automatically selects the SD card. If the selected card is not correct you can change it by clicking on "change" option.

10. Now click on "Flash" to start the installation of Raspbian in the SD card.



11. SD card is ready for the first boot.

12. Insert SD card in the slot given in the Raspberry Pi.



13. Power it on using micro USB adapter with appropriate rating (Recommended: 5V, 2A).



Note: This is the end of Image burning process.

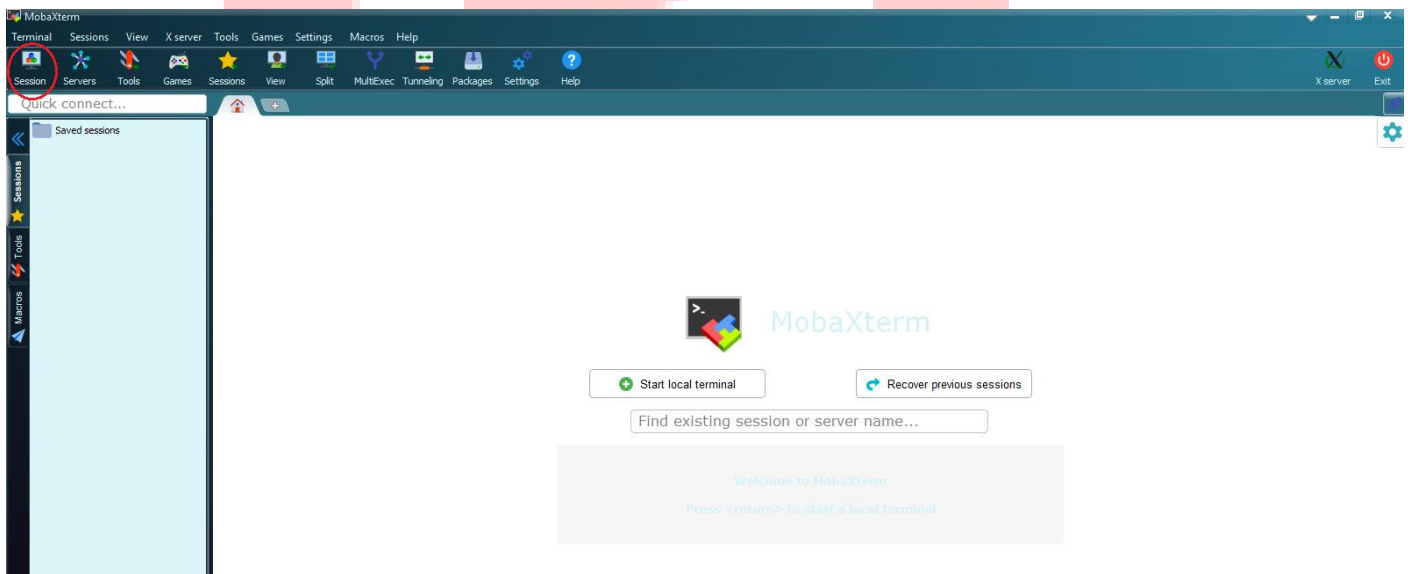
14. First boot might take a few minutes (usually 4-5 minutes).
15. Once the first boot completes, turn off the RPi3 and remove the SD-Card and connect the SD card to your computer through an SD-Card reader.
16. To configure Raspberry Pi to connect to your WiFi network, open this [link](#) and follow the instruction "5" to configure your RPi3 to connect to the Wi-Fi and getting ready for SSH.

Note: In order to complete the step no. 15 & 16 you will need a computer system with Ubuntu/Linux OS.

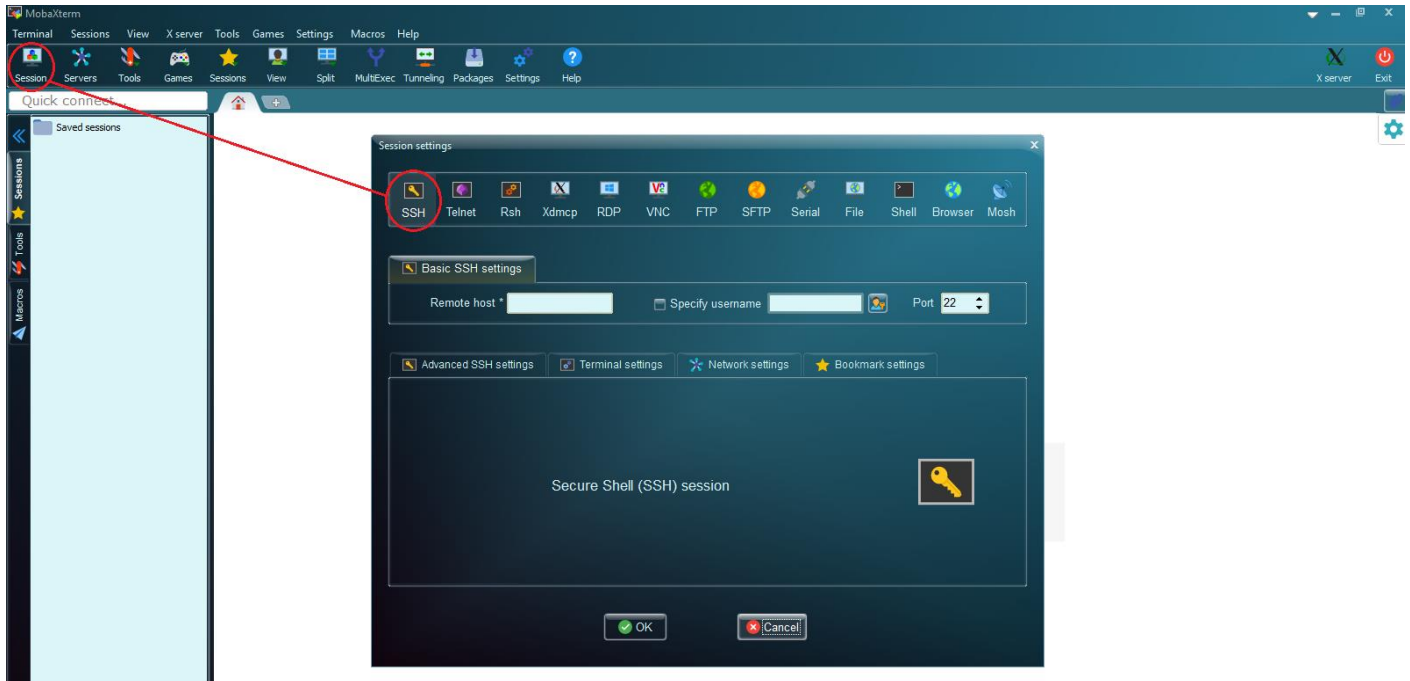
In order to check your RPi3 installation, we will try to **SSH (Secure Shell)** into RPi3 after powering it on.

To download click on [MobaXterm](#) and choose installer edition and install the same. Open MobaXterm and follow the following steps

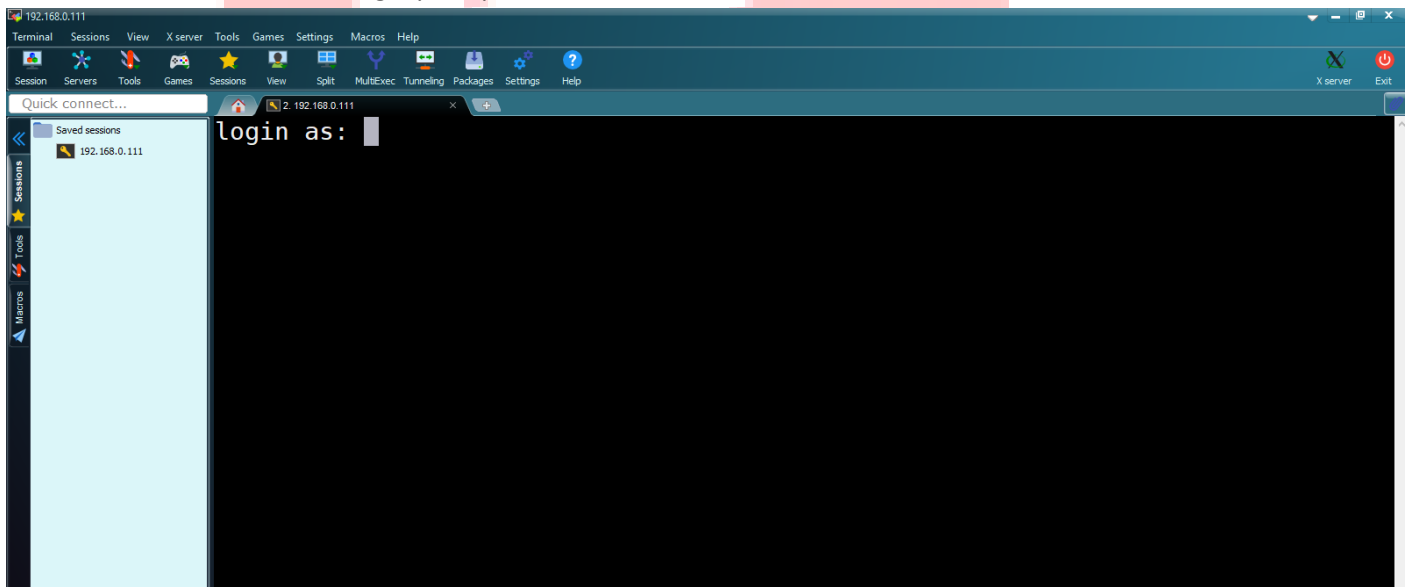
- a) Once open we will see a window like below



- b) Click on session icon on left top corner, on the session window you will find SSH icon, click on it, we should see a window like below.



- c) On the Basic SSH setting tab, type in your RPi3 IP address in the Remote Host field, we should see a login prompt window like below,



- d) Enter the following credentials
- o login as: pi

○ password: raspberry

On successful login we should see a window like below, this will have two parts, left side portion will be “File browser area” from here you can navigate through RPi3 file system, and the right side black portion is our RPi3 shell prompt.

