step by step installing raspberry pi (RP)

1. Go to www.raspberrypi.org —> downloads
2. download "noobs"
3. unzip the file
4. In the unzipped folder, you'll find a file "INSTRUCTIONS-README.txt" open it and follow these instructions until step 5.
5. Now insert the sd card into the RP
6. Connect the RP with the hdmi to your screen.
7. Connect mouse and keyboard as well.
8. At last connect the RP to the power supply. Connecting the RP will start it. If your screen remains black simply unplug the power and plug it in again. This will reboot the RP.
9. Your RP will now automatically start into the NOOBS Installation manager.
10. Select "Raspbian" as OS and press install in the upper right corner. This process might take about 20 minutes.
11. Once everything is installed, the system will start and you have successfully installed Raspbian to the RP
12. Go to the main menu (the RP logo in the upper left corner) -> select preferences ->RP config
13. select the localisation tab set your language timezone keyboard and wifi country code from the given options
14. Connect your wifi

step by step installing magic mirror to raspberry pi

1. go to https://magicmirror.builders
2. scroll a little bit down and click on "go to repository" from "Open source"
3. You are now being redirected to the GitHub* repository of magic Mirror
4. scroll down to the install section Raspberry Pi —> Automatic Installation (Raspberry Pi Only!)
5. There you can find a command line which starts like this "bash -c "$….." copy it.
6. go to your terminal which can be found in the upper left corner of your display. The icon looks like a black browser window with these characters inside " >_ "
7. past the command line to it and press enter. Magic mirror will now automatically install to your RP. This might take a while and at times look like nothing is happening. Wait until it says "dependencies installation done!" in your terminal
8. when it ask you if you want to install pm2, leave this option for now. we will do this at a later stage

You can stop here since everything should be installed. If you want to have a first look if everything worked simply carry on with step 9.

9. now go to your command line/terminal and type "cd" and hit enter, then type "ls" and hit enter
10. A list of folders should appear. check if Magic mirror is in there
11. If yes type into the command line / terminal "cd MagicMirror" and press enter.
12. Then type "npm start" and press enter.
13. The magic mirror should start now. You can kill the process by simply pressing ctrl + q
14. Congrats MagicMirror is now fully installed and ready to be modified. If it didn't work no worries. we can fix this together during the workshop