

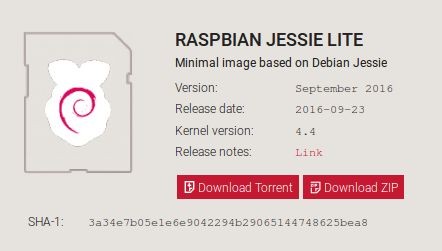
## Step 1: Download the required software and files

You need to download 2 software and 1 OS i.e. Raspbian for this complete process. **1st software:** The first software is Win32 Disk Imager. <https://sourceforge.net/projects/win32diskimager/>

**2nd software:** Second software is SD Card Formatter. <https://www.sdcard.org/downloads/formatter_4/>

**Raspbian OS:** This is the Main operating system of the Pi. <https://www.raspberrypi.org/downloads/raspbian/>

Extract all files to the desktop.

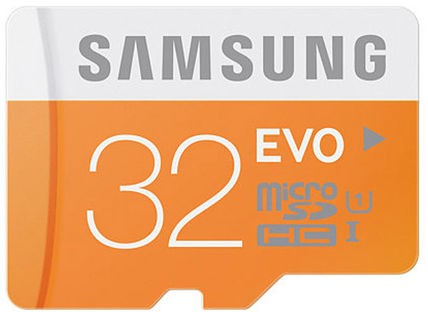




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## Step 2: Get the SD card and the card reader

Get a minimum **8GB class 10** SD card with a card reader. Insert that card into the card reader and plug that to the USB port.



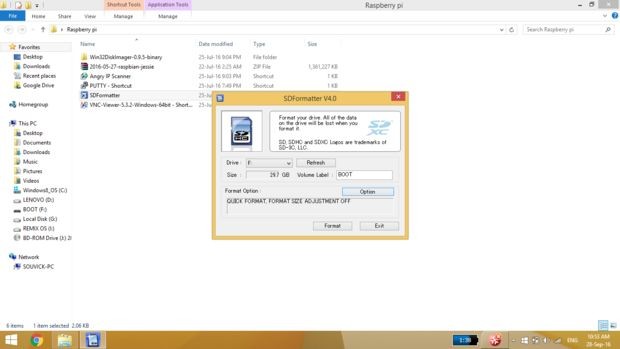
## Step 3: Check the drive in which the SD card is mounted

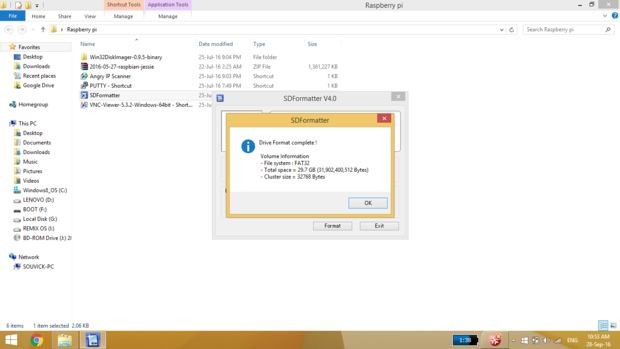
Go to my computer or **My PC** and find the drive name where the SD card is **mounted**.

## Step 4: Format the SD Card

Open SD Card Formatter and select the drive you noticed in the previous step. Click on format and **don't alter any other options**.

When formatting is completed, click on OK.



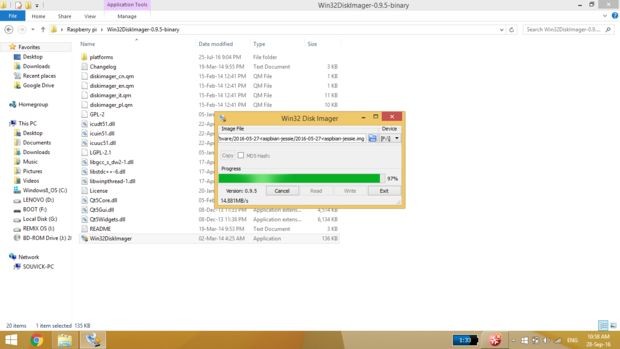
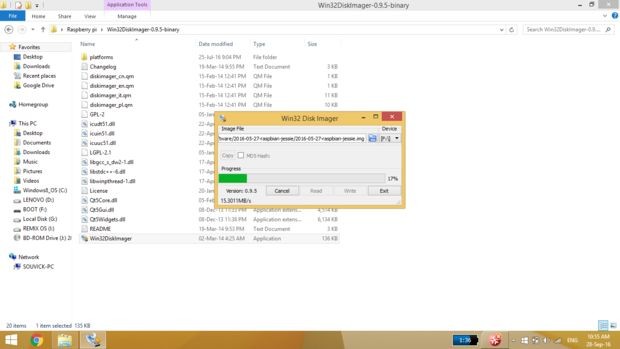
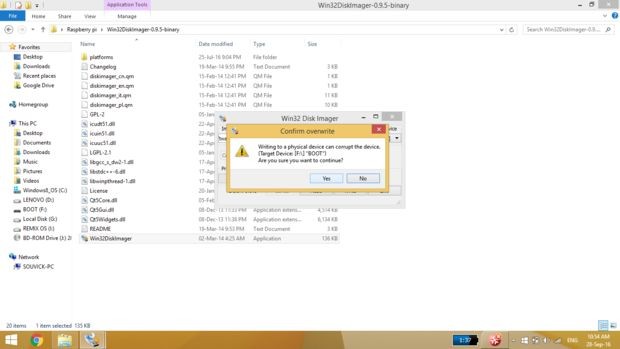
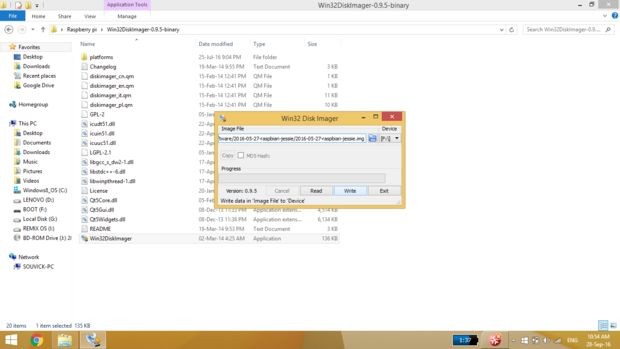
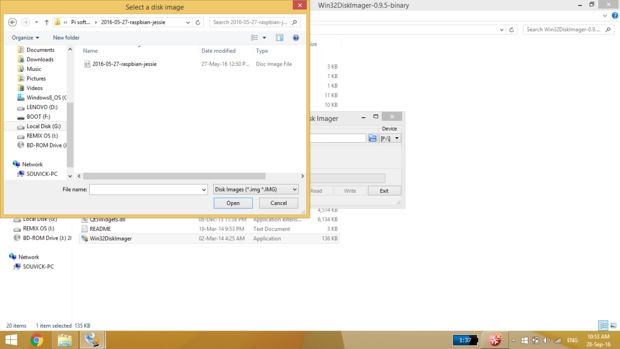
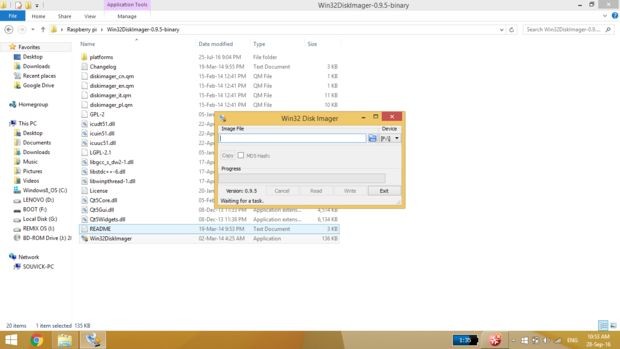


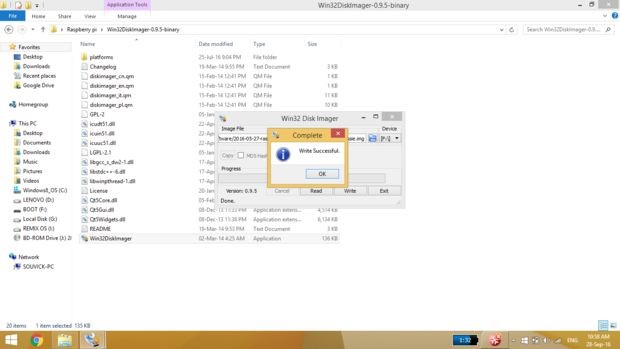
## Step 5: Write the OS on the SD Card

Open **win32diskimager**.

Browse the .img file of Raspbian OS that was extracted from the downloaded file.

Click on open and then click on Write. **If any warning pops up then ignore those by clicking OK**. Wait for the write to be completed and it may take some minutes. So be patient.





## Step 6: Eject the SD Card

Now your OS in installed on your Raspberry Pi.