APK Installation Instructions

Help

WE RECOMMEND YOU NOT TO INSTALL PEER GRADING APKs ONTO YOUR REAL DEVICES. PLEASE USE THE EMULATOR.

IF YOU STILL PLAN ON INSTALLING THEM ON YOUR PHONE (DEVICE), YOU ARE DOING SO AT YOUR OWN RISK. WE RECOMMEND YOU TO CHECK THE PERMISSIONS THE APK ASKS FOR BEFORE INSTALLATION IF YOU STILL PLAN ON USING YOUR REAL DEVICE.

Let's install and start telnet:

Windows 7 Users:

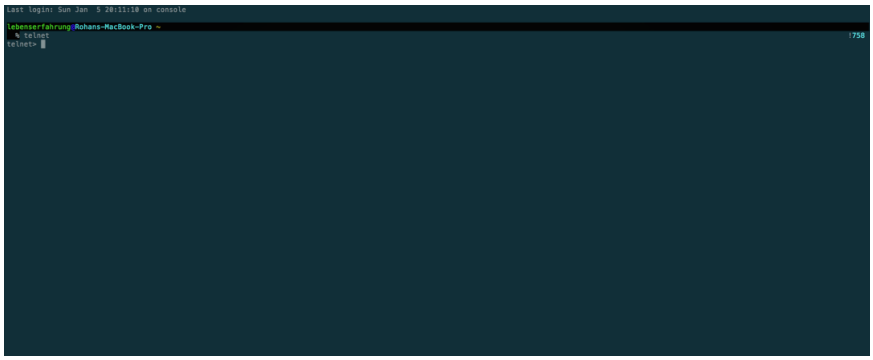
1. Click on the Windows Button and then click on **Control Panel**
2. In the top-right corner select **View by: Category**
3. Select **Programs**
4. Under **Programs and Features**, click on **Turn Windows features on or off**
5. Scroll down till you reach **Telnet Client** and select the checkbox beside it
6. Click **OK**
7. Once the installation is complete open command prompt (click the Windows button -> in the search bar type `cmd` and select **cmd**)
8. Type `telnet /?`

Windows 8 Users:

1. Click on the Windows button and then click on **Control Panel**
2. Select **Uninstall or Change a Program**.
3. Select **Turn Windows Features On or Off**.
4. Select **Telnet Client** and click **OK**.
5. Once the installation is complete open command prompt (click the Windows button -> in the search bar type `cmd` and select **cmd**)
6. Type `telnet /?`

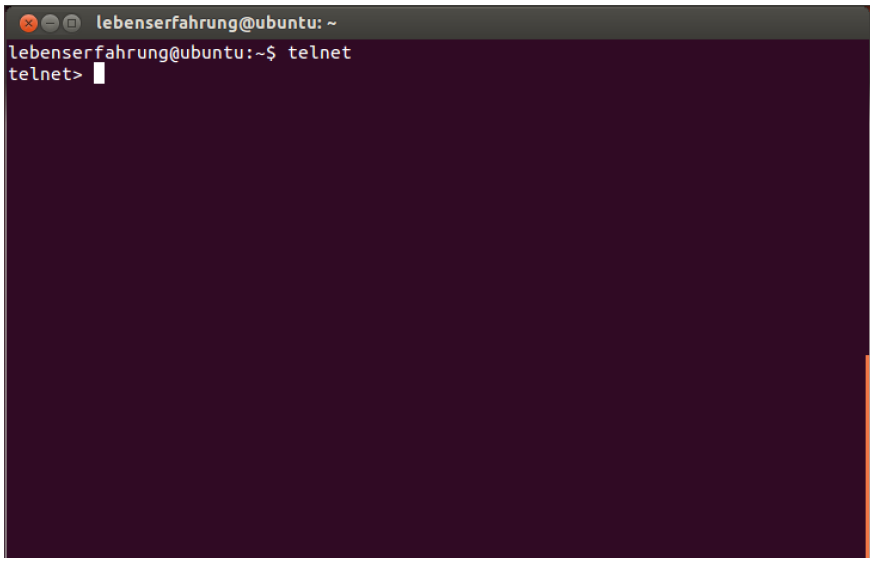
Mac Users:

telnet is installed by default



Ubuntu Users:

telnet is already installed on newer versions



In-case you don't have telnet installed, you could open up the terminal and install it via

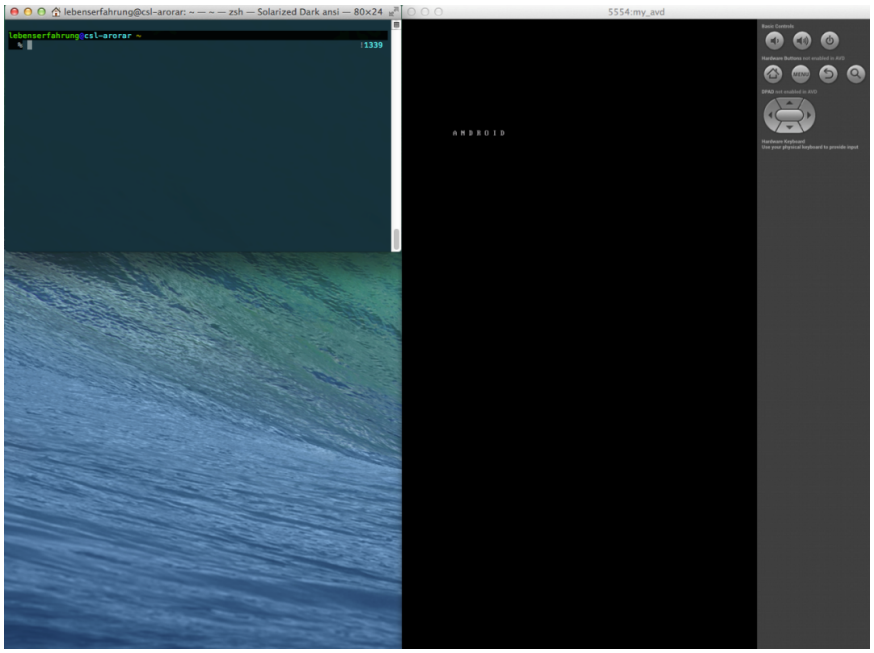
```
sudo apt-get install telnet
```

Open up a new terminal after installation, after which telnet should yield the image above.

Installing the APK

1. Ensure that you have an emulator up and running. Using **Android Virtual Device Manager**: **Windows** -> **Android Virtual Device Manager** -> Select the emulator you have created (either in Week 1 or later) -> **Start**

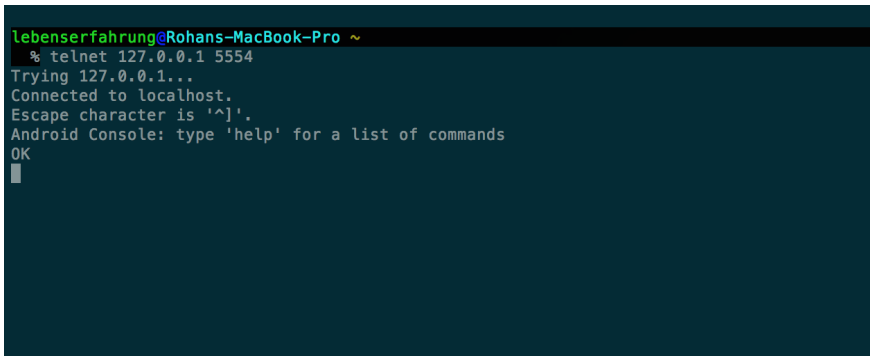
   The emulator should now be booting up, as we see in the screenshot below:



2. Open command prompt (**Start** -> In Search Bar type `cmd` and select **cmd**) / Mac Terminal
3. Type 'telnet 127.0.0.1 (port number)' (without quotes) e.g., `telnet 127.0.0.1 5554`
4. In case it fails you could try: `telnet localhost 5554`

   Here 'port number' refers to the emulator's port number, which would be 5554 / 5556….

5. Once successfully logged in you should see something like the screenshot below:

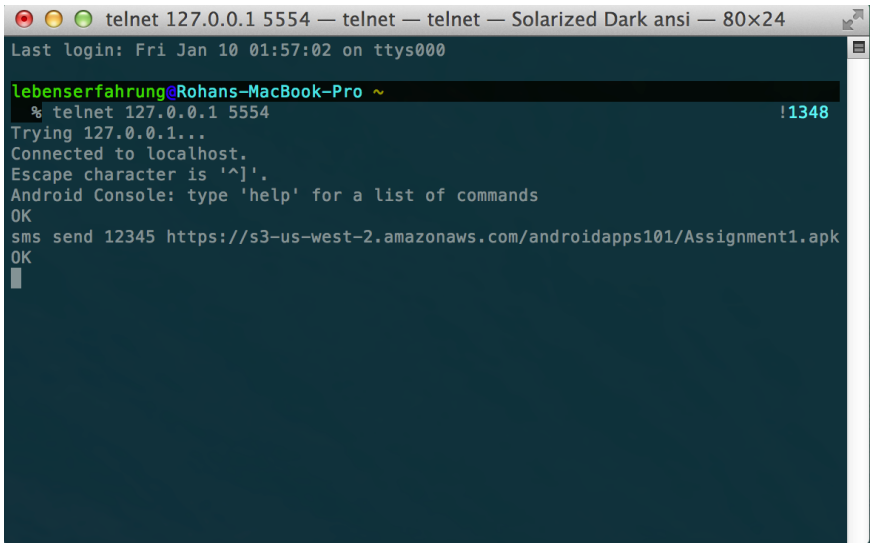


6. Once in, the next step is to deliver the URL (link) of the 'Peer Grading APK' to the emulator via a text message
7. We do this by sending the URL in the form of a text message to the emulator:

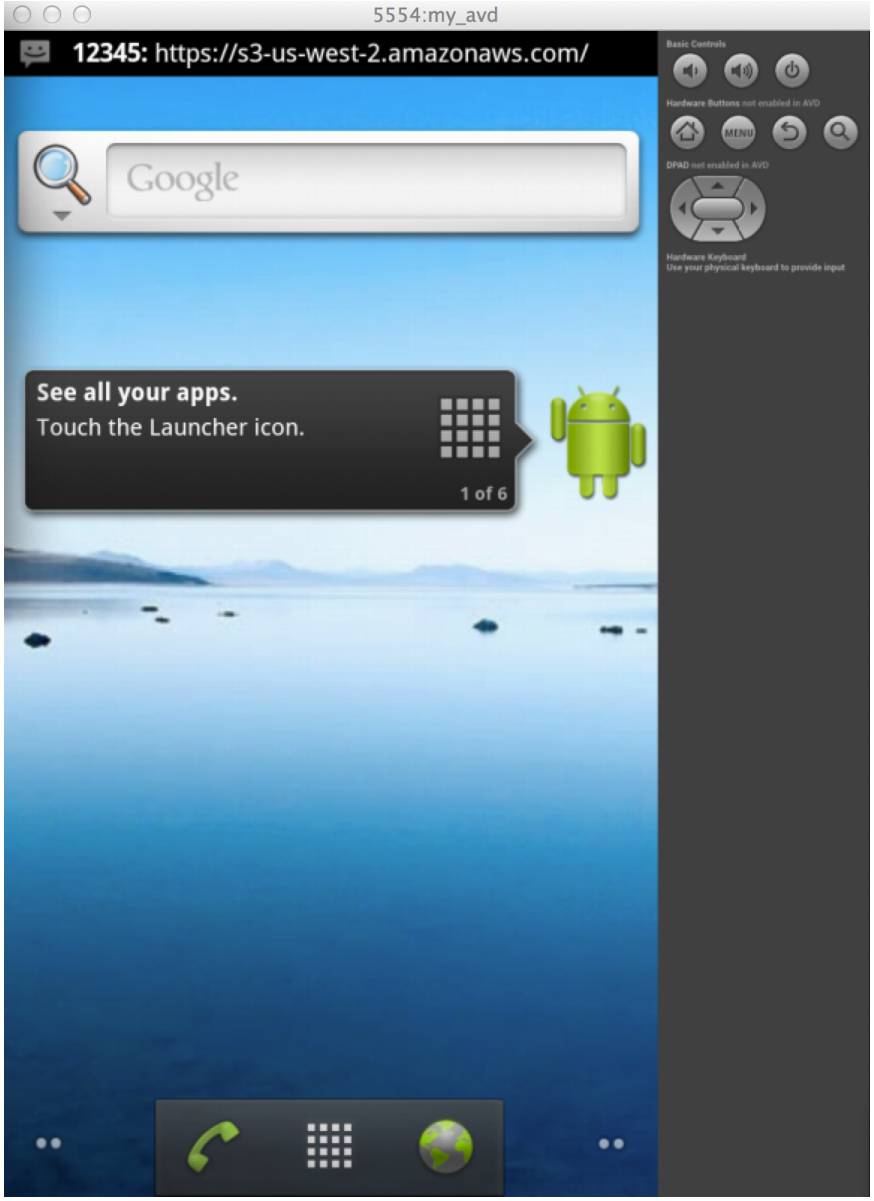
   `sms send 12345 https://s3-us-west-2.amazonaws.com/androidapps101/Assignment1.apk`

   where 'https://s3-us-west-2.amazonaws.com/androidapps101/Assignment1.apk' would be the download link of the APK you get from Coursera's Peer Review Page.

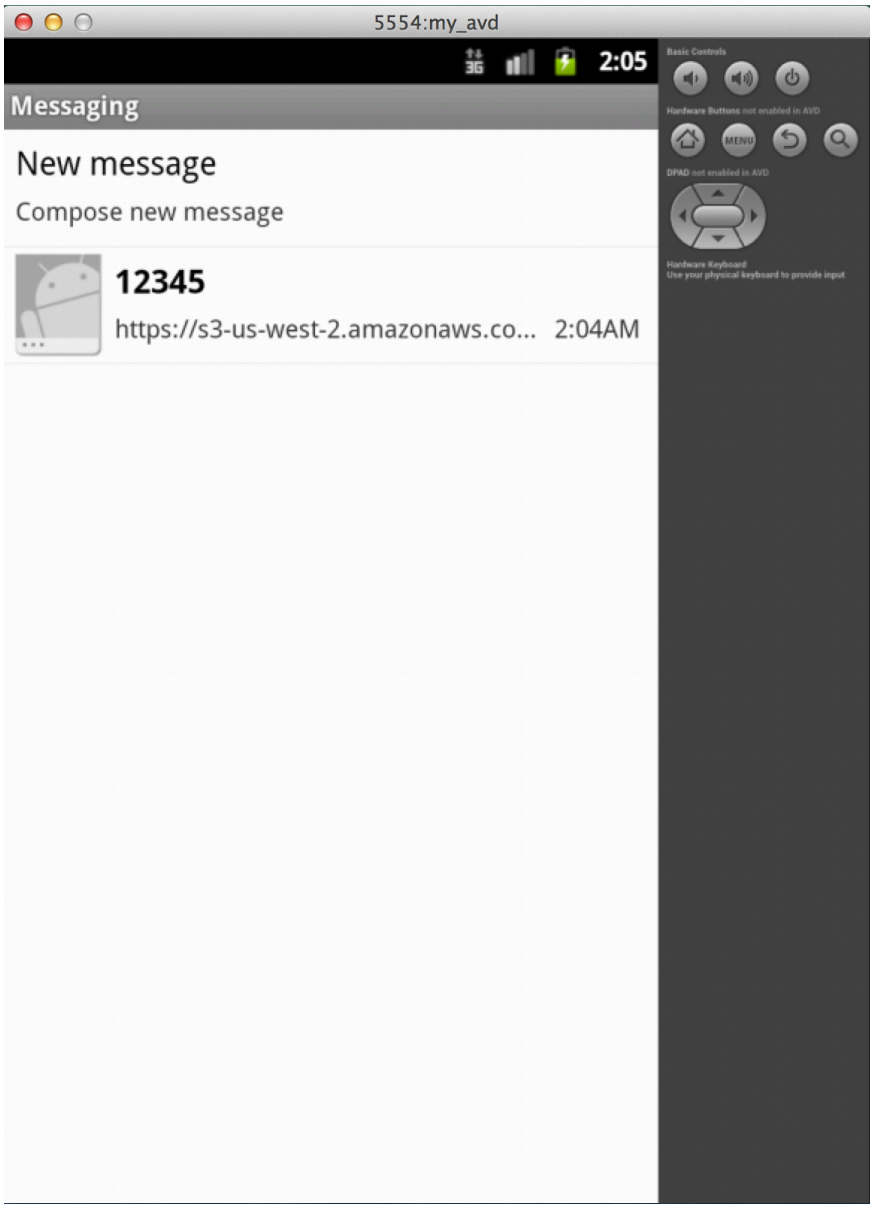
   '12345' could be replaced by any number. It just represents the mock/dummy number from which the emulator would receive the message



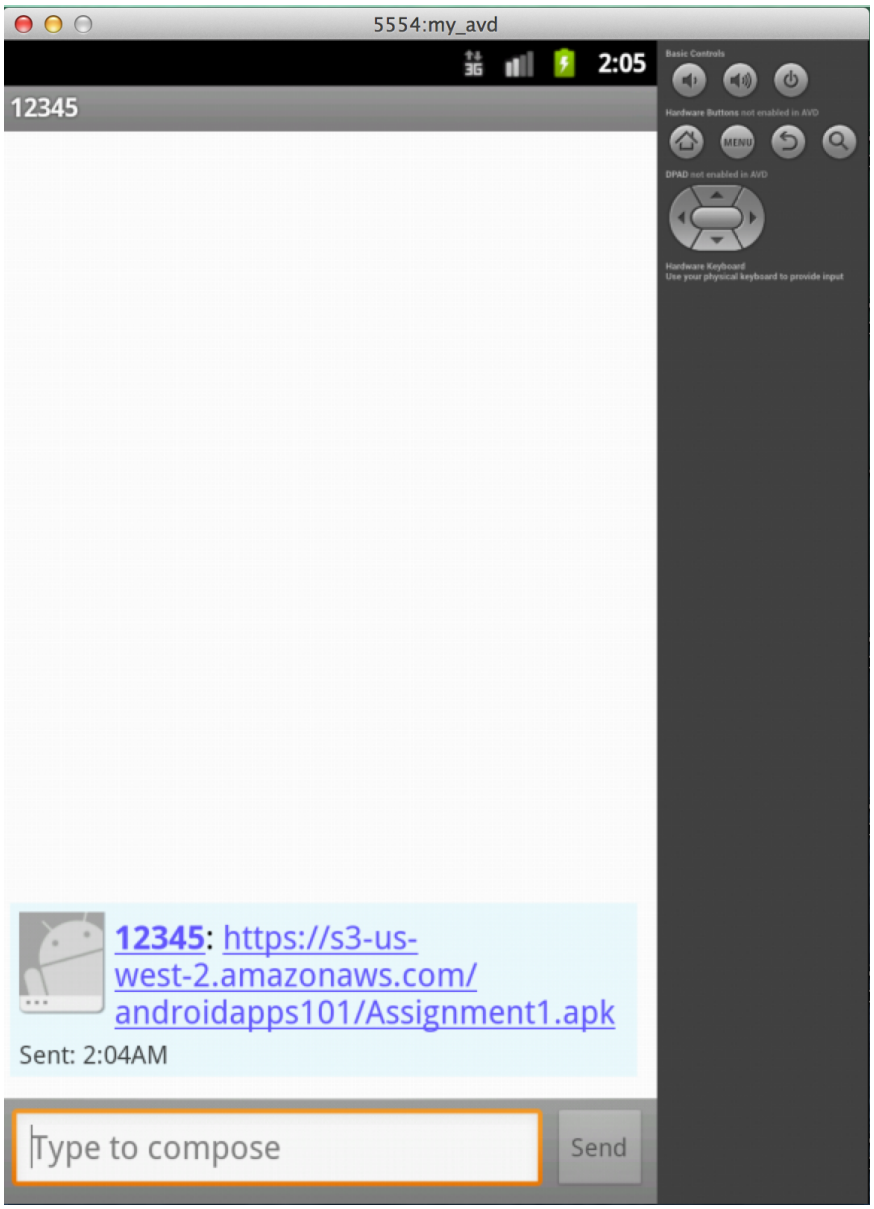
8. Bingo!! We have received the message



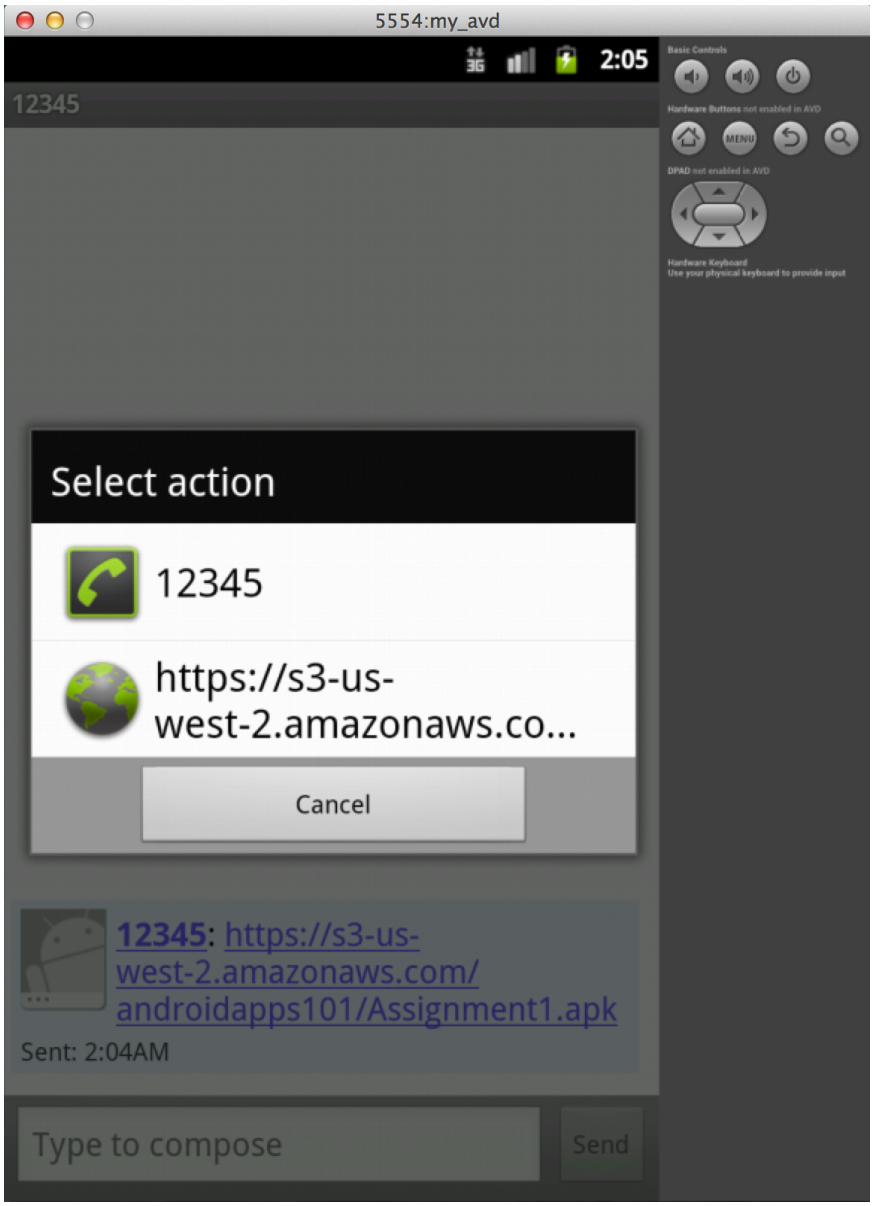
9. Now it's time to download the APK. In the emulator select **Launcher** (the cube of dots) and click (tap gesture) on -> **Messaging**.



10. We can see that we have received a new message from ‘12345. Select the message sent from, say, ‘12345’ and click on the URL/link.

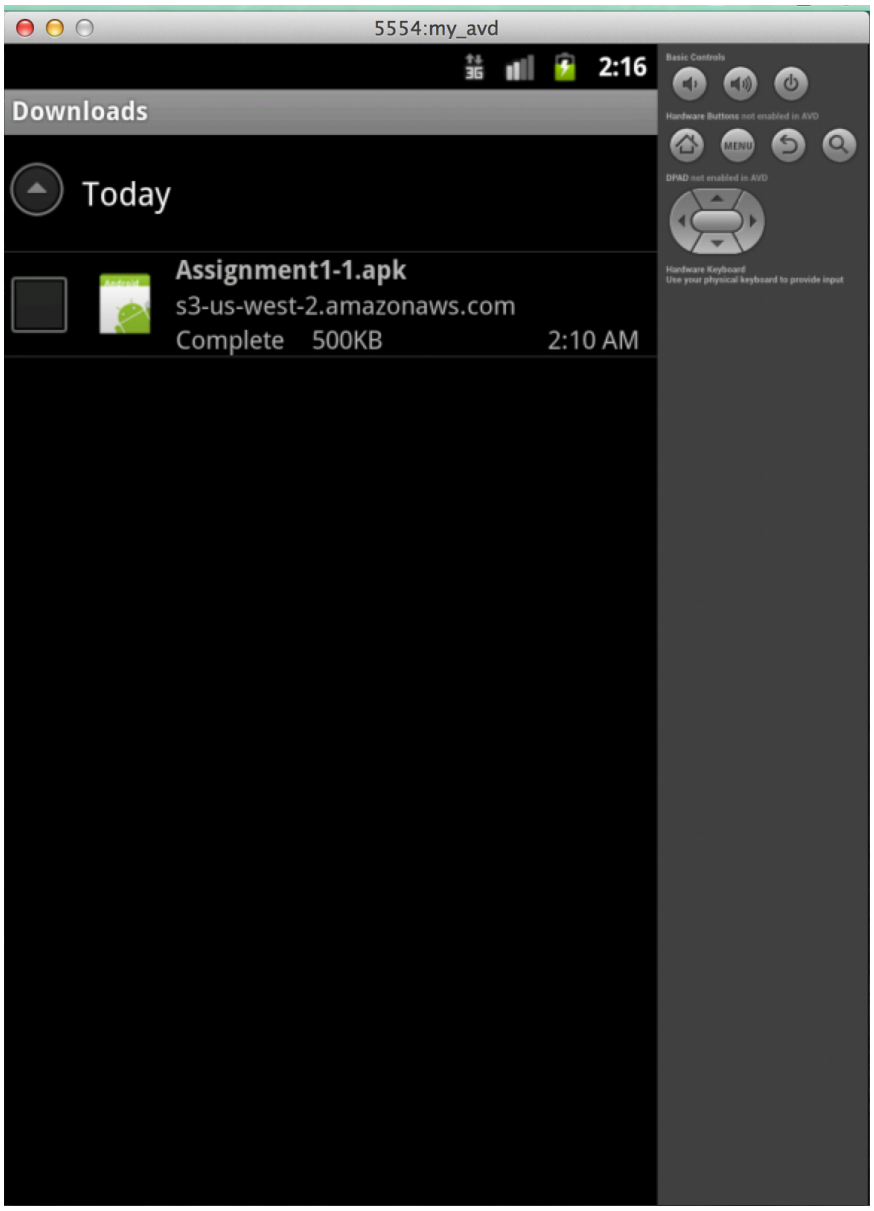


11. Here it asks us if we intend to call 12345 or do we intend to browse to the URL/Link. On newer Android versions it will open up the link in the default browser directly.



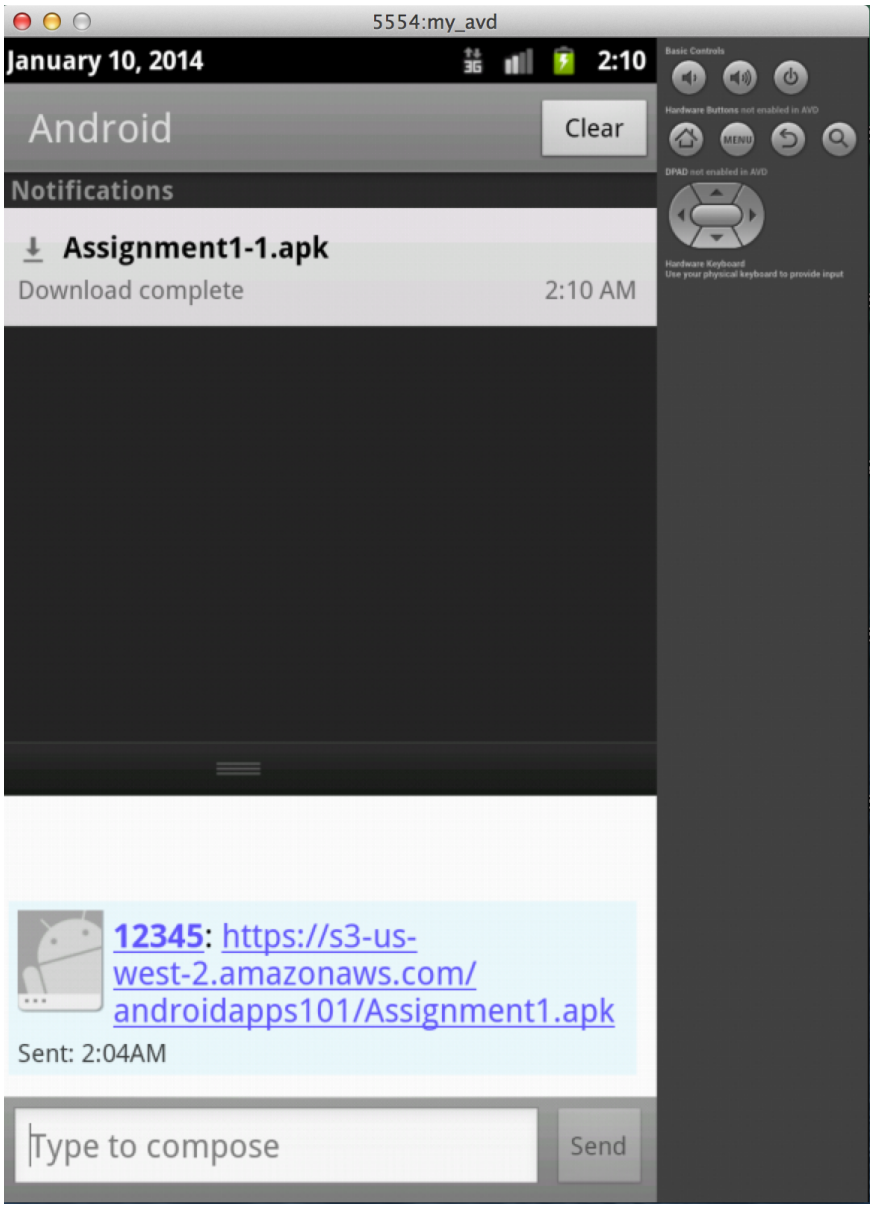
12. The APK download should begin automatically once the browser opens up.

13. Remember the **Esc** key on your keyboard works like the 'back' soft-touch key of an Android phone.
14. Press it twice and now we are in the Home Screen. Now point to **Menu** -> **Downloads** -> Select the APK you have just downloaded.



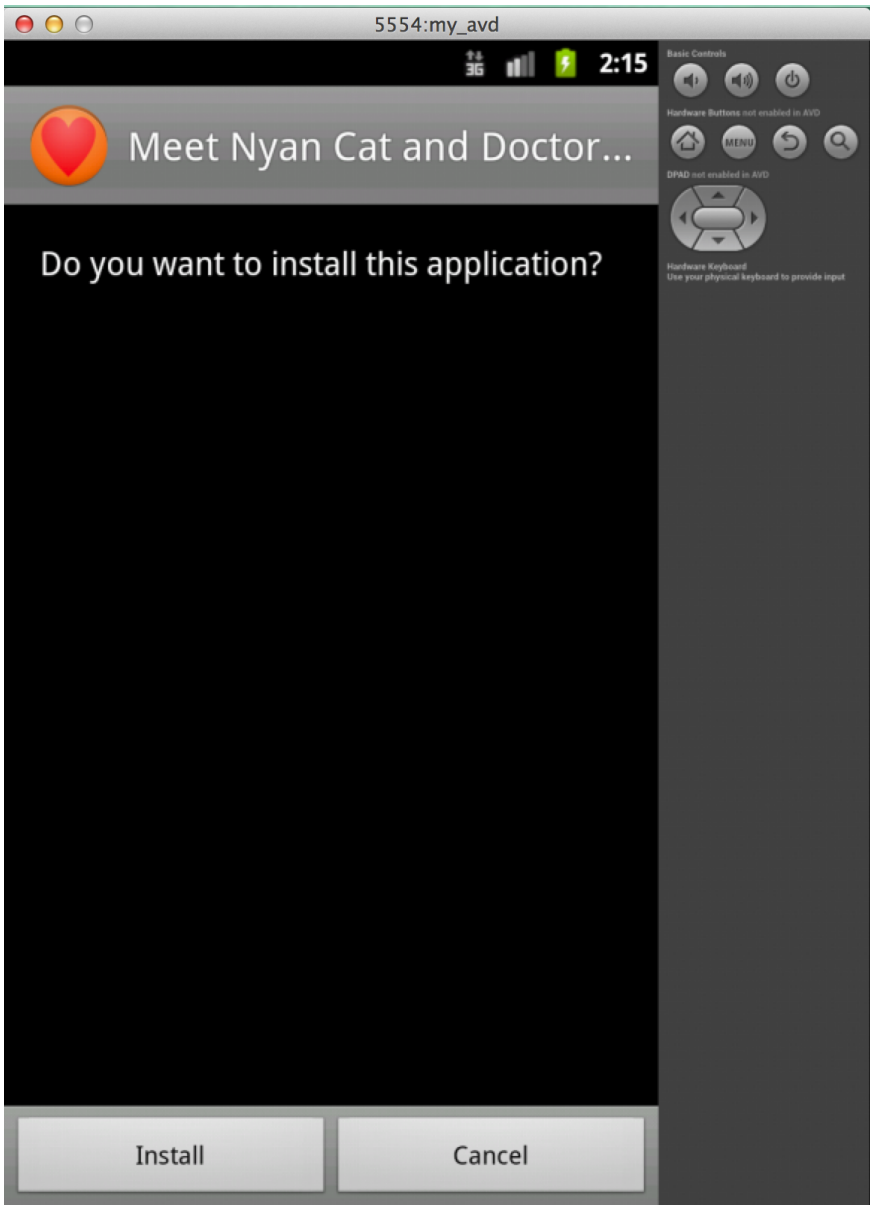
OR

Drag down the notification bar. This could be done by left-clicking on the notification bar space at the top, and dragging it down while keeping the left mouse-button clicked.

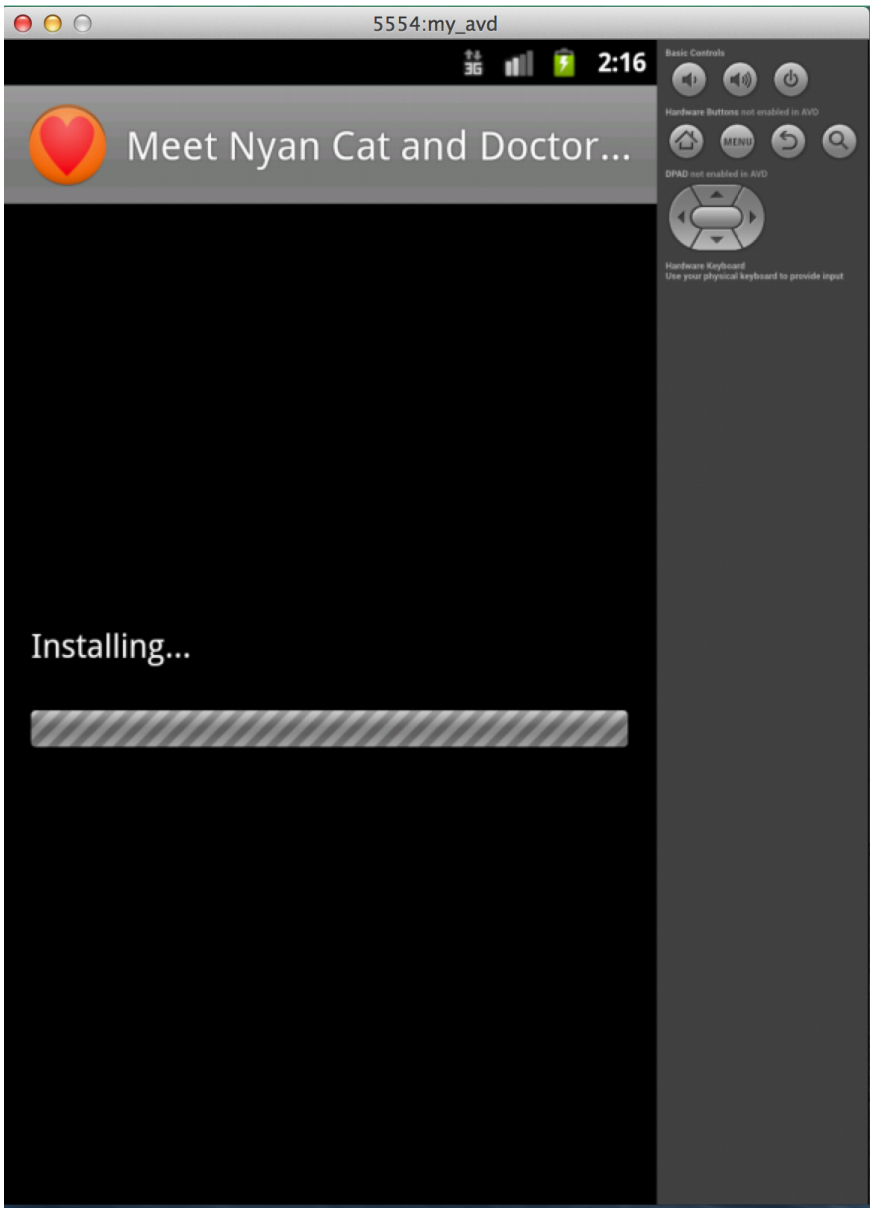


Once done, click on the downloaded file.

15. On this install screen look out for permissions. This is a part of the evaluation. If the APK asks for permissions like viz. internet or any additional, kindly mark the **EVALUATION SCORE TO ZERO**.



16. Click Install and the APK is now ready for internal evaluation



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