Zeus Emulator Setup

1. On Zeus server:
    1) Setup PATH variables if not done already:
        i. /emulator; ii. /platform-tools/; iii. /cmdline-tools/tools/bin.
        `export PATH=$PATH:sdk_path/platform-tools/`
    2) Give all permissions to files under /dev/kvm.
        `sudo chmod 777 /dev/kvm`
    3) Create an emulator, take down its name.
        `avdmanager create avd -n name -k "sdk_id"`
    4) Save the following code to boot emulator.
        ```
        #!/bin/bash
        adb kill-server
        adb start-server
        emulator -avd $1 -port 5554 -gpu guest -writable-system -no-snapshot
        ```
    5) Create a VNC server, take down its id.
        `vncserver` (id is after "… desktop is zeus:")
    6) Find ip address, and take it down.
        `ifconfig` (ip address is inet addr for eth0)

2. On your machine:
    7) Install VNC viewer if not done already.
        • https://www.realvnc.com/en/connect/download/viewer/
    8) Open VNC viewer, sign up or sign in.
    9) Open a window for new connection.
        • File->New connection->General
    10) Set the VNC server to be on Zeus.
        • ip_address:590 + id_in_step_5)
    11) Double click to connect to the viewer.
        • Connect to ubcprivate before this
    12) Input VNC password and proceed.

3. In VNC viewer:
    13) Open a terminal window to run script.
        • Right click->Debian->Applications->Terminal Emulators->LXTerminal
    14) Run script in step 4) with name in step 3).
        `./script_path name`
    15) Wait and you should see the emulator!