Lecture 2 Introduction to Linux Notes (this is the tittle of the document - Heading 1 formatting please!)

1. What is an Operating System?

Software that runs your computer and manages hardware/programs

2. What is a kernel?

Core of the OS controls hardware, memory, processes

3. Which other parts aside from the kernel identify an OS?

Shell/UI, libraries, utilities, file system, drivers, package manager

4. What is linux and linux distribution?

Linux = open kernel and Distro = Linux kernel like apps/tool like Ubuntu, Debian 6. # List at least 4 linux characteristics:

Open source,Customizable,Multi-user/multi-tasking,Stable & secure

7. Debian is a free open-source operating system

Free very stable Linux distro with huge software repo

9. List and define the different types of licensing agreements

legal contracts granting permission to use of software and hardware

10. What is Free Software? Define the 4 freedoms.

Free software is software that gives you total freedom to use it for anything, look at and change its code, share copies with anyone, and share your own improved versions too as long as you include the source code

1. What is virtualization?

it's a technology that enables the creation of virtual environments from a single physical machine