Set up VirtualBox

1. Click on the "New" icon on the toolbar.
2. The first thing you need to do is define the type of Virtual Machine you wish to create.
3. Enter a descriptive name into the "Name" box
4. Select Linux as the "Type"
5. Choose Ubuntu as the "Version".
6. Choose 64-bit version
7. Allocate Memory To The Virtual Machine **(2048 megabytes.)**
8. Select "Create a virtual hard drive now"
9. You will now be asked to select the type of hard drive to create. There is little point in choosing anything other than the default "VDI" file type as this is the one native to VirtualBox.
10. Select "VDI"
11. When deciding on the way the hard drive is created you can choose to opt for a **fixed size hard drive** or a dynamically sized hard drive.
12. A fixed sized disk creates the hard drive to be the maximum size you define straight away whereas a dynamically sized disk adds space to the file as it is required up to the maximum size that you specify.
13. A fixed sized disk performs better because as you install software within the virtual machine it doesn't have to increase the file size on the fly.
14. After specifying the hard drive type and the way the disk is allocated you are asked to specify how much disk space you are going to give over to the Ubuntu Virtual Machine **(40 GB).**