## 1) The importance of validating the evidence before the analysis conducted

* It is important to validate the evidence to show that it is authentic and has not been tampered and can be presented as a viable evidence in the court.

## 2) Tools to be used for validation and analysis

* FTK Imager
* FTK Toolkit
* Hex Workshop
* ProDiscover
* Hex editor

## 3) Understanding of hexadecimal

* Hexadecimal (also known as base 16, or hex) is a numeral system with a base of 16. It uses sixteen characters of 0-9 to represent values zero to nine, and A,B,C,D,E,F to represent values ten to fifteen

## 4) Importance of hexadecimal in forensics

* In computer forensics we are dealing with the bits and bytes of the computer. So having means of compressing them into readable form is essential. A file signature is much harder to be changed for the casual computer user. The hash signature for a particular file will always be the same no matter what it was called or extension was given.