Question 4 – Network Security and Operating Systems:

Types of attacks:

* Viruses – programs that do malicious actions (corrupt data, deletion etc)
* Worms – are programs that copy themselves from one computer to the next without a user.
* Trojan Horses – software disguised as other software.
* Cross Site Scripting
  + Change the look of the input forms to maliciously fool the user.
* Denial of Service attacks
* Email Bomb
* Smurfing – attack a network by exploiting IP Broadcast addressing like DHCP.
* Spoofing – Packets that appear as if they are from somewhere else.

Public Key Encryption:

Very powerful encryption which two keys are used (public and private)