Assignment Week 2

1. **What is an IP Address ?**

   IP Address - Internet Protocol Address

   It is a series of numbers that identifies any device on a network. Computers use an IP Address to communicate to each other over the internet as well as other networks. It is expressed as a set of 4 numbers. Each set can be the range of 0 to 255. The full IP Address range is from 0.0.0.0 to 255.255.255.255.

2. **What is Subnet ?**

   Network inside the network (or) A part of large network

3. **What is API?**

   Application programming interface

   It is a set of defined rules that enables different applications to communicate with each other.

   There are 4 types of API's

   Public

   Private

   Partner

   Composite

4. **What Request and Response ?**

   A web browser asking the web server to send it a web page and the server sending back the page.

   Request : Asking the web server to send web page

   Response : Sending back the web page to the web browser.

5. **What is the port number?**

   Port numbers identify a particular application or service on a system.