**ASSIGNMENT 1**

Write basic terminologies of Networking with examples.

* **Node**: Node is any device that is connected to the network.

**Ex.**  Computer, router, printer, etc.

* **IP Address:** It is a unique number assigned to each node(device) that is connected on the network.

**Ex.** 111.221.34.5

* **Protocol:** A set of rules that defines the process of communication of devices in the network.
* **Router:** It is a device that connects multiple networks together and forwards data pack between them.
* **Switch:** A networking device that connects devices on a network and forwards datapack between them.
* **DNS:** It stands for Domain Name System. It converts domain names to the IP addresses of connected devices in the network.
* **Firewall:** It is a security device that monitors and controls incoming and outgoing network traffic based on a set of pre defined security rules.