Lecture 1 Vocabulary

Networking – Connectivity between devices.  
Ethernet – Wired method of networking  
Wi-Fi – Medium-range networking used for both commercial and residential  
Datagram (Packet ) – Data that is sent over a network  
Host – Computer that accepts data requests  
Client – Computer that sends data requests  
Internet Protocol Suite – Set of communication protocols used for the internet  
TCP – Transmission Control Protocol  
IP – Internet Protocol  
UDP – User Datagram Protocol  
Link Layer – Communication in a Local network  
Internet Layer – Connects Local Networks, establishing internet  
Transport Layer – Transports data between two network Hosts  
Application Layer – Applications create user data and communicate it to other processes on other hosts  
Encapsulation – Application uses set of protocols to send data through the layers, being further wrap  
End-to-End Principle – Application-specific functions reside in end hosts rather than intermediary nodes