Chapter 5: The Data Link Layer

- Application
- Transport
- Network
- data link layer service
  - Moving data between nearby network elements
    - Move data between end-host and router
    - Move data between end-hosts
    - Move data between routers
  - error detection, correction
  - Encryption
  - sharing a broadcast channel: multiple access
  - link layer addressing and routing
  - reliable data transfer, flow control
  - Interact/act as a bridge between the network layer and the physical layer
    - There are many types of physical layer
- Which services does the link layer provide that other layers also provide?