HTTP

* Hyper Text Transfer Protocol
* URL, URI, URN
* HTTP Headers
  + Metadata: Key value sent along with request and reponse
  + Role of Headers
    - Caching,
    - Authentication,
    - Manage state
  + Types
    - Request Headers: From Client
    - Response Headers: From Server
    - Representation Header: encoding, compression
    - Payload Headers: data
    - Etc.
  + Most Common Header:
    - Accept: application/JSON
    - User-Agent:
      * from which client this request is raised
    - Authorization:
      * To autherixe the person
    - Content-Type
      * Type of the file sent
    - Cookie:
      * All about cookie
    - Cache-Control:
      * Info of controlling cache
  + Cors Header:
    - Access-Control-Allow-Origin
    - Access-Control-Allow-Credentials
    - Access-Control-Allow-Method
  + Security Headers: Search in google
* HTTP Methods: Basics set of operation that can be used to interact server
  + GET: retrieve resources
  + HEAD: no message body ( response headers only)
  + OPTIONS: what operations are available
  + TRACE: loopback test (used for debugging)
  + DELETE: remove a resource
  + PUT: replace a resource
  + POST: interact with resource (mostly add)
  + PATCH: change part of a resource
* HTTP Status Code : Search from Google