

1-HTTP->HyperText Transfer Protocol

Can make communication between server and client

2-Every request is completely independent

Use state-header-body

3-HTTPS->Hyper Text Transfer Protocol Secure

Encrypted data send by it use SSL/TLS

4-Method of HTTP

Get->retrieve data

Post->submit

Put->update data

Delete->delete data

5-Header of data :

General-> (request url- request method - state of code-remote address -referrer policy)

Response-> (secure -set cookie-content type-content length -data-Date(name of file))

Request-> (cookies-accept(language)-content type-content length-authorization-user agent-

6-State code :

1xx-> request/receive processing

2xx-> success accept and understood

3xx-> redirect action must be taken

4xx->client have erred

5xx-> problem in server

Server error -> fulfil request

200->ok

301->moved to new url

304->not modified

400-> bad request

500-> internal server error

7- response header without information / content

8- option method may be more dangerous to hack the web

9-date-> epook folder (static code )

10-307 -> temporary redirect status code indicate that target source under different url and user can't change the request method if it perform an automatic redirection

11- DataBase :

-sql request from machine

- database work in server
- record return set of data but remain in server
- web→communication client &server
- client machine →smart phone (allow user to make a request)
- server→ computer program->save programs ->multiple clients
  - Contain web resource /host web application -store user and programs data
  - Server listing for request which →(received one -response with message )

12-peer to peer only client to client (torrent)