05/04/24 FRIDAY

DAY-5

ARP - Mapping MAC address and IP address.

> wire shark > statistics

https 70P Houndshake

2> TLS handshake

2) Encryption

Lo Data Transfel

Packet Crafter fools

-) Packed design can

be done.

in Handshake.

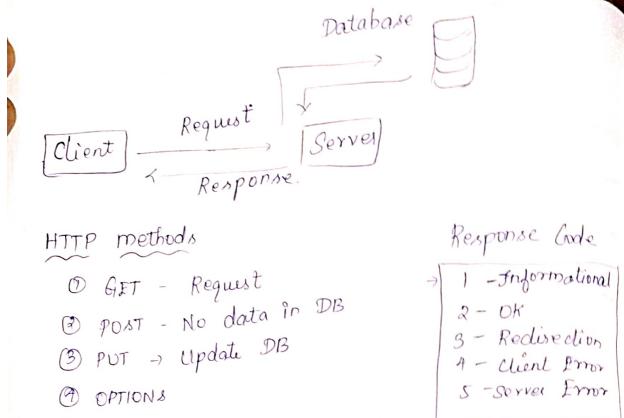
- O Reserved
- @ Push
- 3 Ach
- @ Fin
- (5) Urgent
- (1) SYN
- 9 Reset
- (8) Accurate

To days work

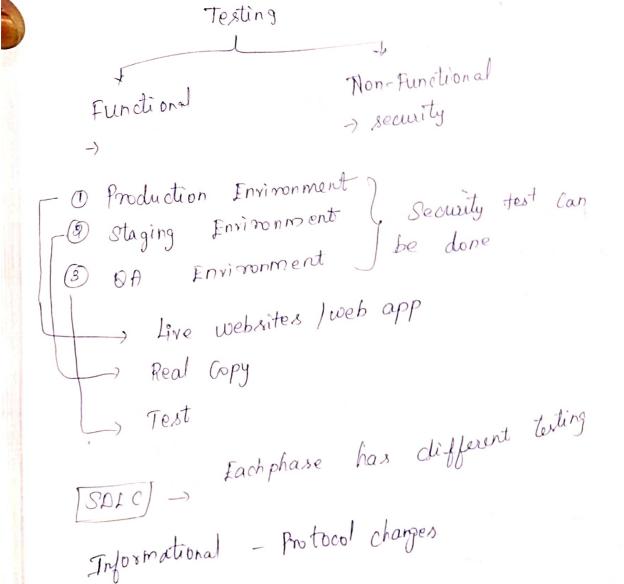
-> Complete pre-Course

-7

Pre-course



5 DELETE



BURPAUITE client ---- PRDXY --- Server Burpsuite * Data first move to - PROXY then Server Server to - PROXY * DARK Web - which & not available un google engine · orion. TOY Client ---> Prony1 --- Prony 2 -- Prony 6 --- Server Bitcoin 1b = 67,00 dollars. Request Response Code HTPP method Useragent - Browses abore blank line - all are Sheaders Body Interception - Gathering info and processing [8080 Bupsuite]

```
Idit virtual machine - 2618 RAM
                                             U.
      Processor - 1
      Core - 2 or 1
 Imd: Sudo nmeli networking on
Comd: Service Network Manager start
   do as a super wer - sudo
cmd: cat /etc/apt/sources.list)
       thranso [C+rl + Shift + c] - copy

c+rl + Shift + v] - Paste
[md: nano /etc/apt/ sources. list
   Proxy refuse - Burp -ON (-70 send trouffic
Cmol: Sudo service apachez start
         webserve starting
                               -> Import Certificat
                               - buspsuite in
                                          brower
                                       1. Download
URI - encoding
                                           CA actificat
Cookies - Session Validates
      By wring Cookies we can use
```

-) Bup - On

```
Cookies - emport - Import
    -> Burp - Repeater
                              - Log out from
                                all devices
   -> Sension Hijacking
  -) Serion Token
  nttp: www. google. com/directory/filerame.html
  Attp/https - wab protocol
    TLD
   Domain - Kyough. Com
   Subdomain - gmail. google. Com
16 Var / www / html }
- ls -l path
- pwd - path
      Linux - - Ivan I www / html
     Windows - - C: \inetpub \ www.root
  -> http/2 - HTTPS
      MTTP /1.1 - HTTP
```

Enumeration

* Finding step by step

+ Uses enumeration.

Prony - history Repeatu - Manual testing Intrudu - automotic Search pars - select -> add - Confirmation - Position SNIPER ATTACK -> Payloads - Paste Start attack * The website will block it Cettings - Grep - Entract (Search) - Add - select ox * Rate Limiting - [Per second How much Request the server] FIREWALL * Manages Request * If more request hits, it drops the packets. WAF + Rate Limiting Web application Frewall.

JNTRUDIK -) Sechest - Millions of words -) discovery - web content

- Raft