


Physical ✓

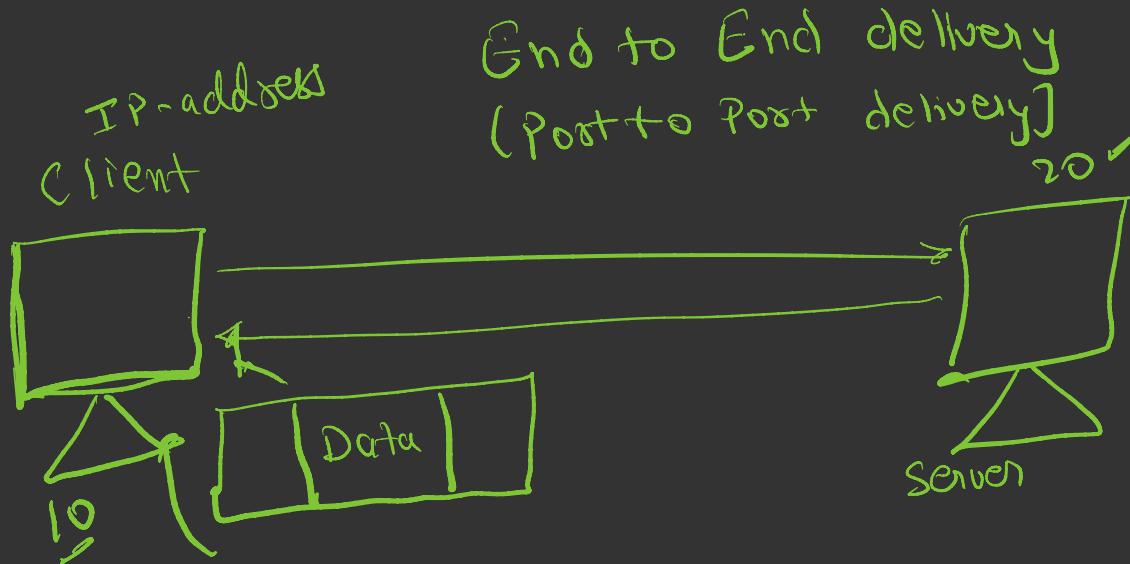
DLL ✓

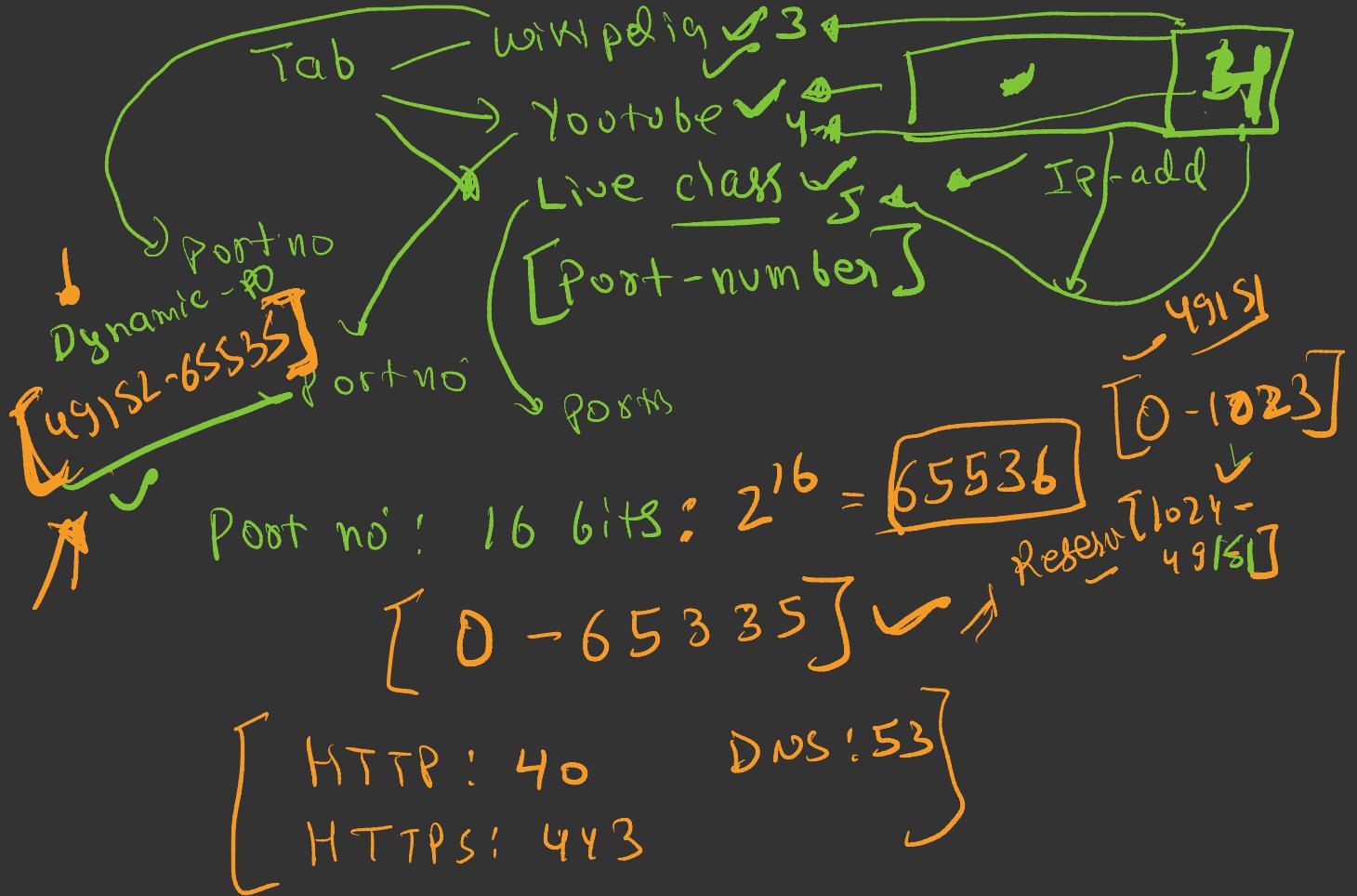
Network ✓

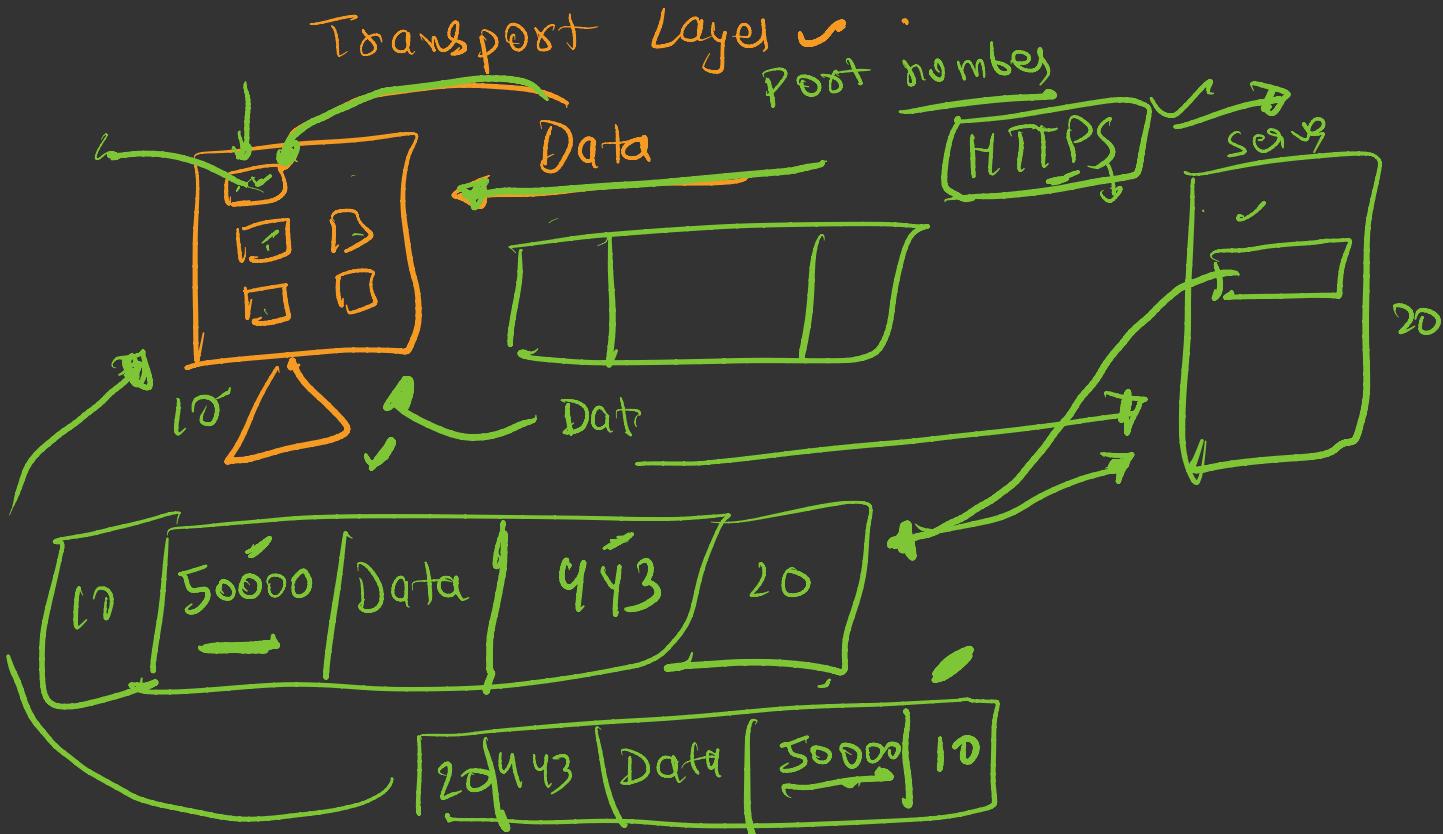
Transport layer ✓

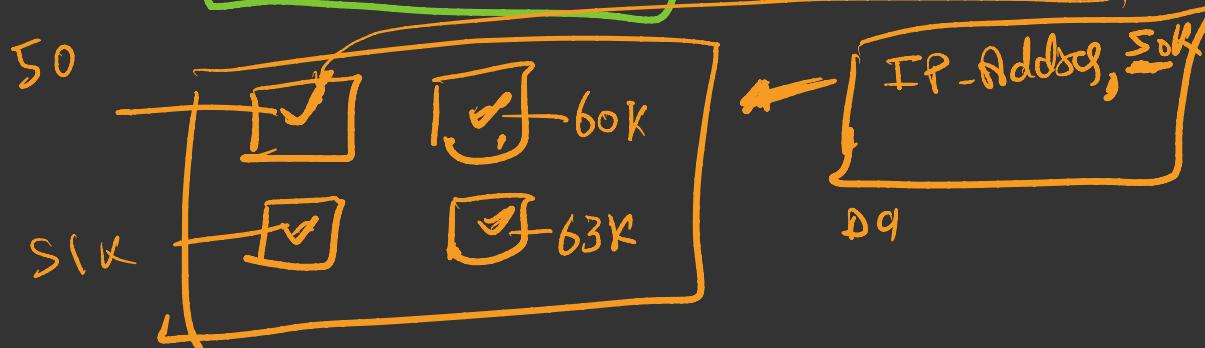
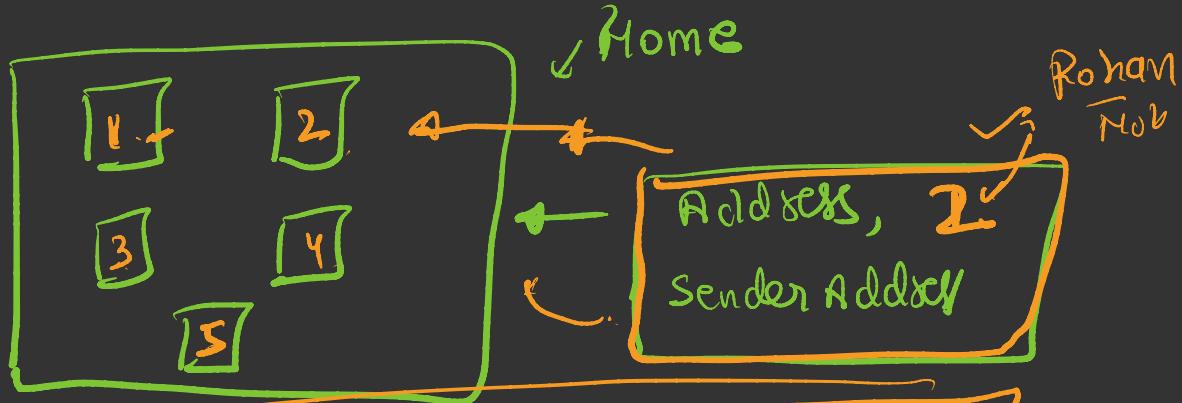


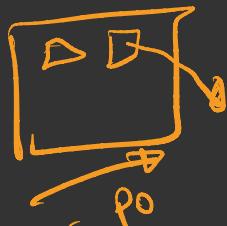
Transport Layer :











LLC



Transport
HTTPs!

Segment



network

IP POP

10

60K

Data

443

20

Packet

0

mac

5

DLL

Mac-address



Physical bits ✓



Transport Layer

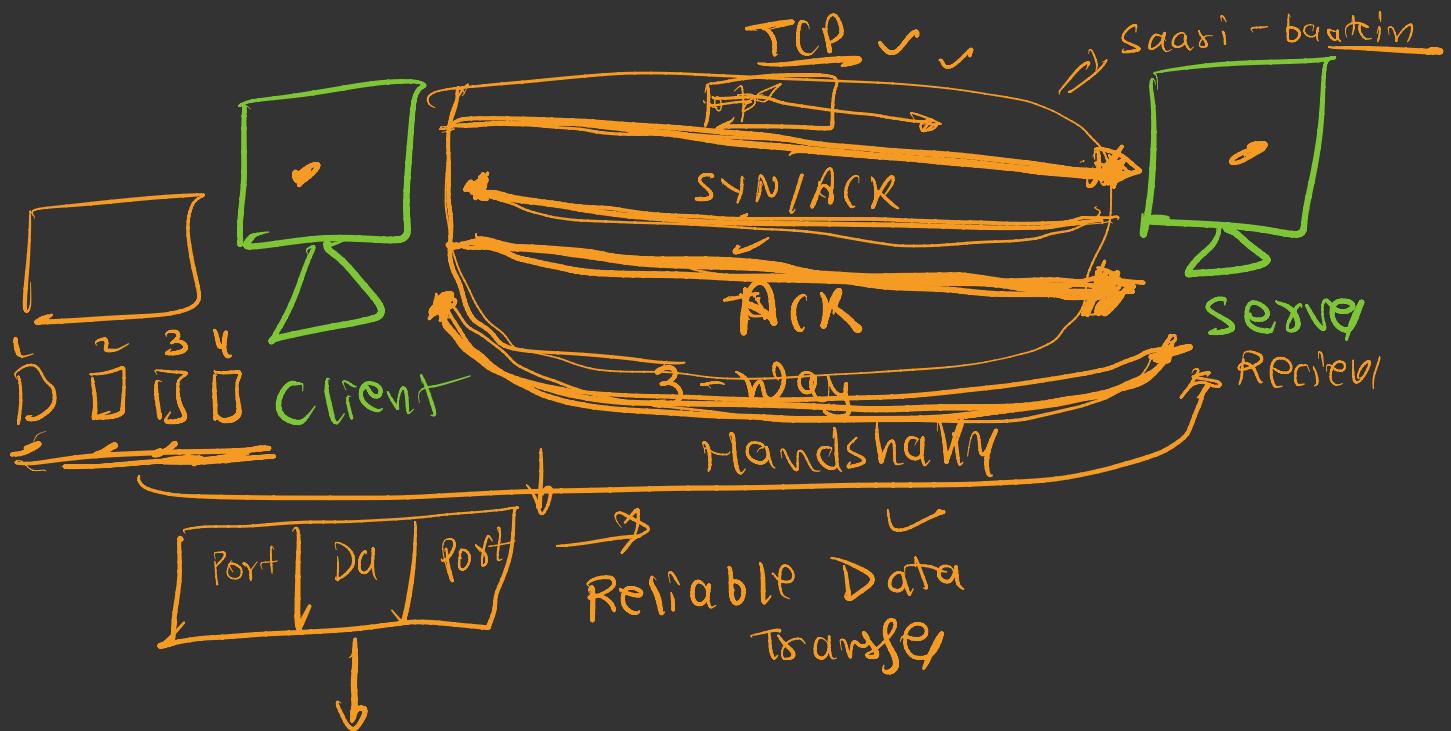
TCP

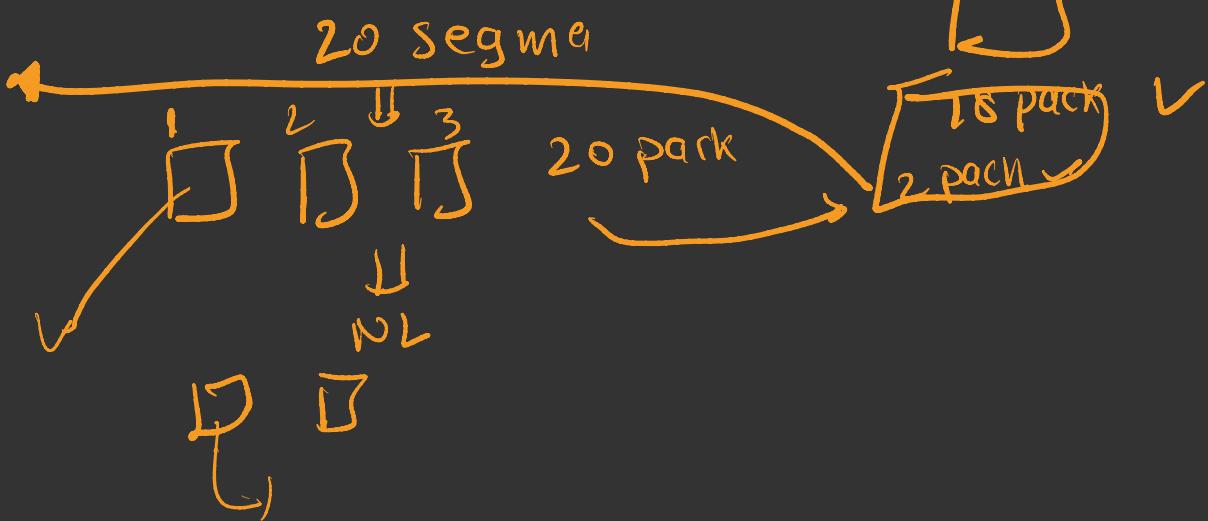
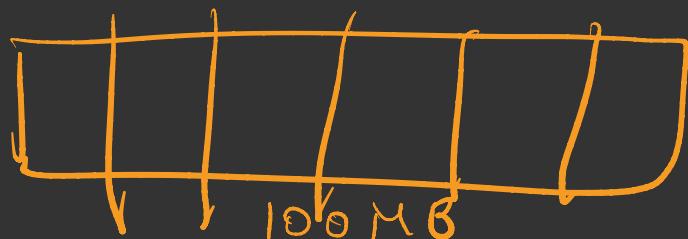
A
Transfer
control protocol

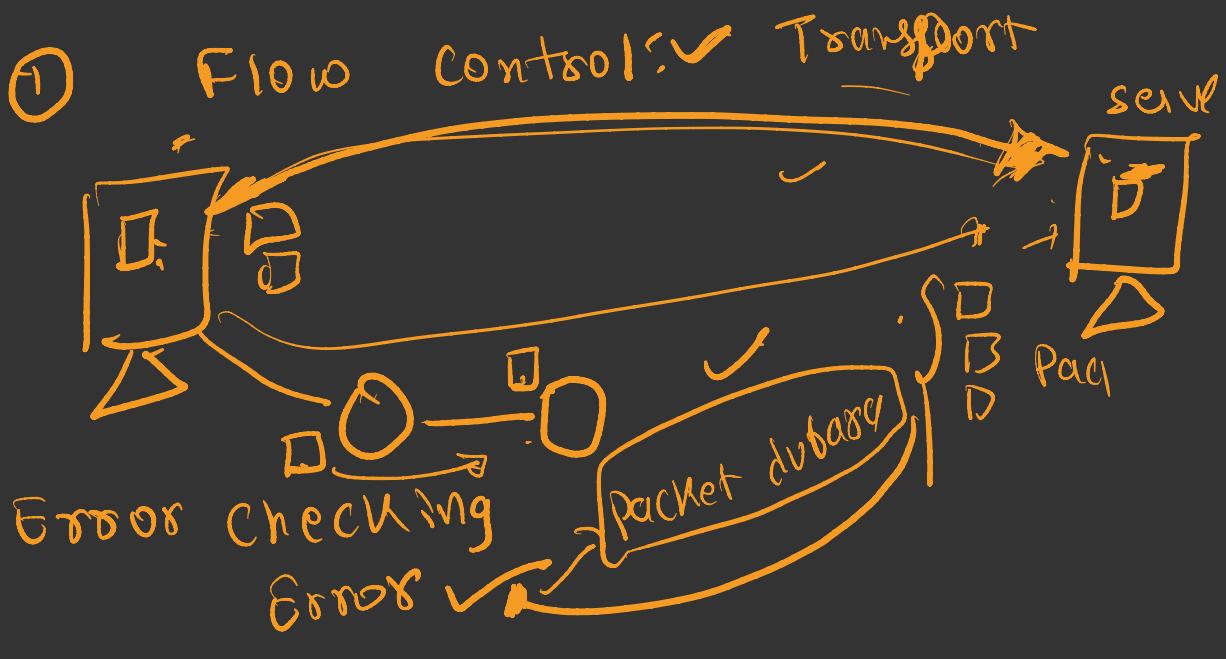
UDP

uses Datagram
program

Connection oriented protocol



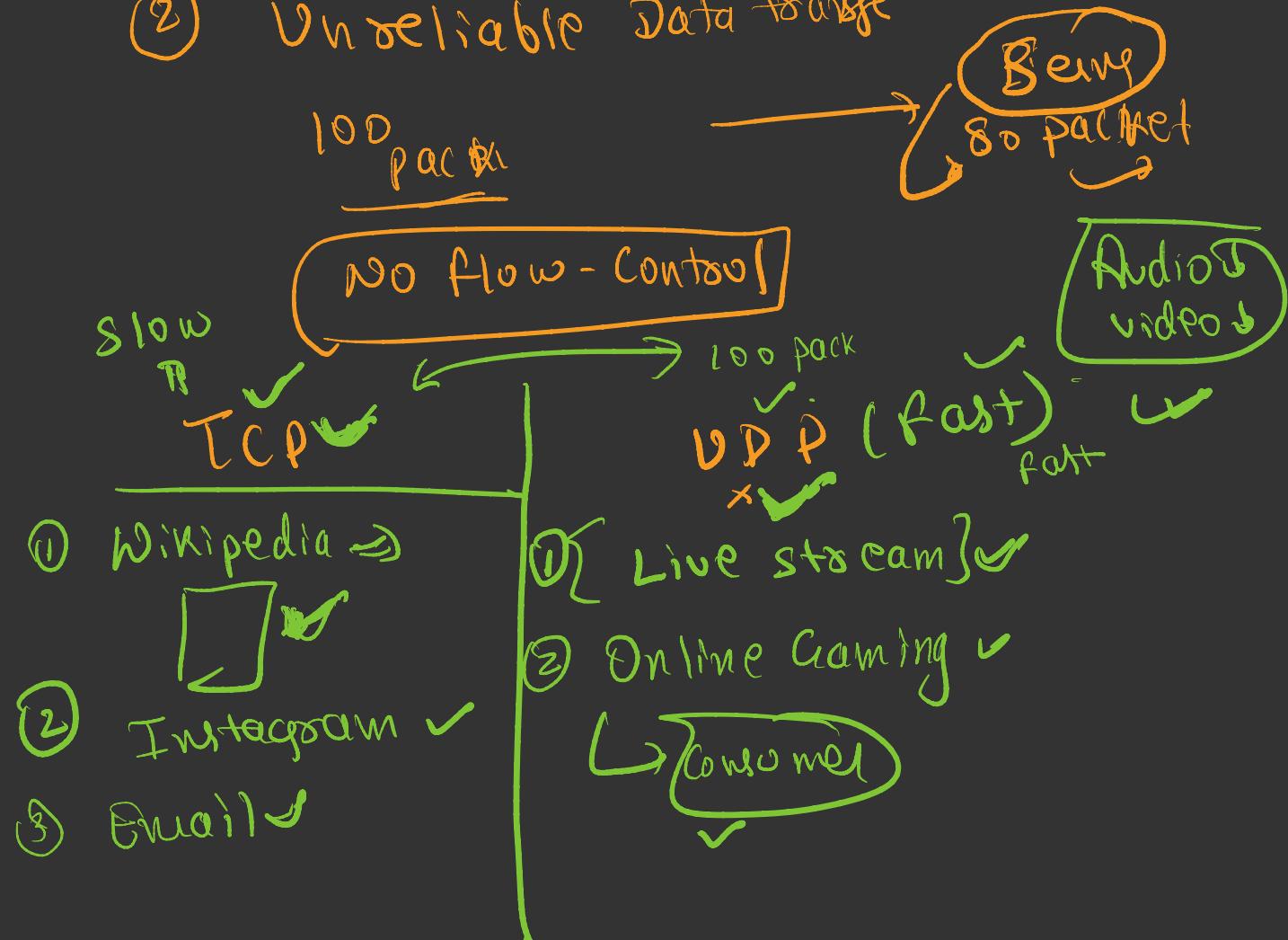


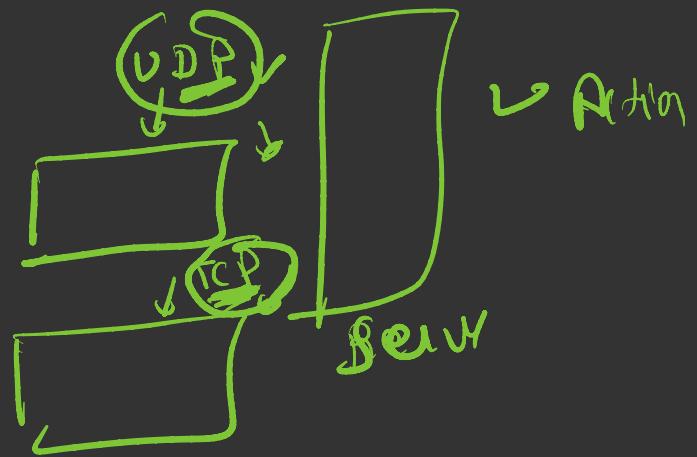


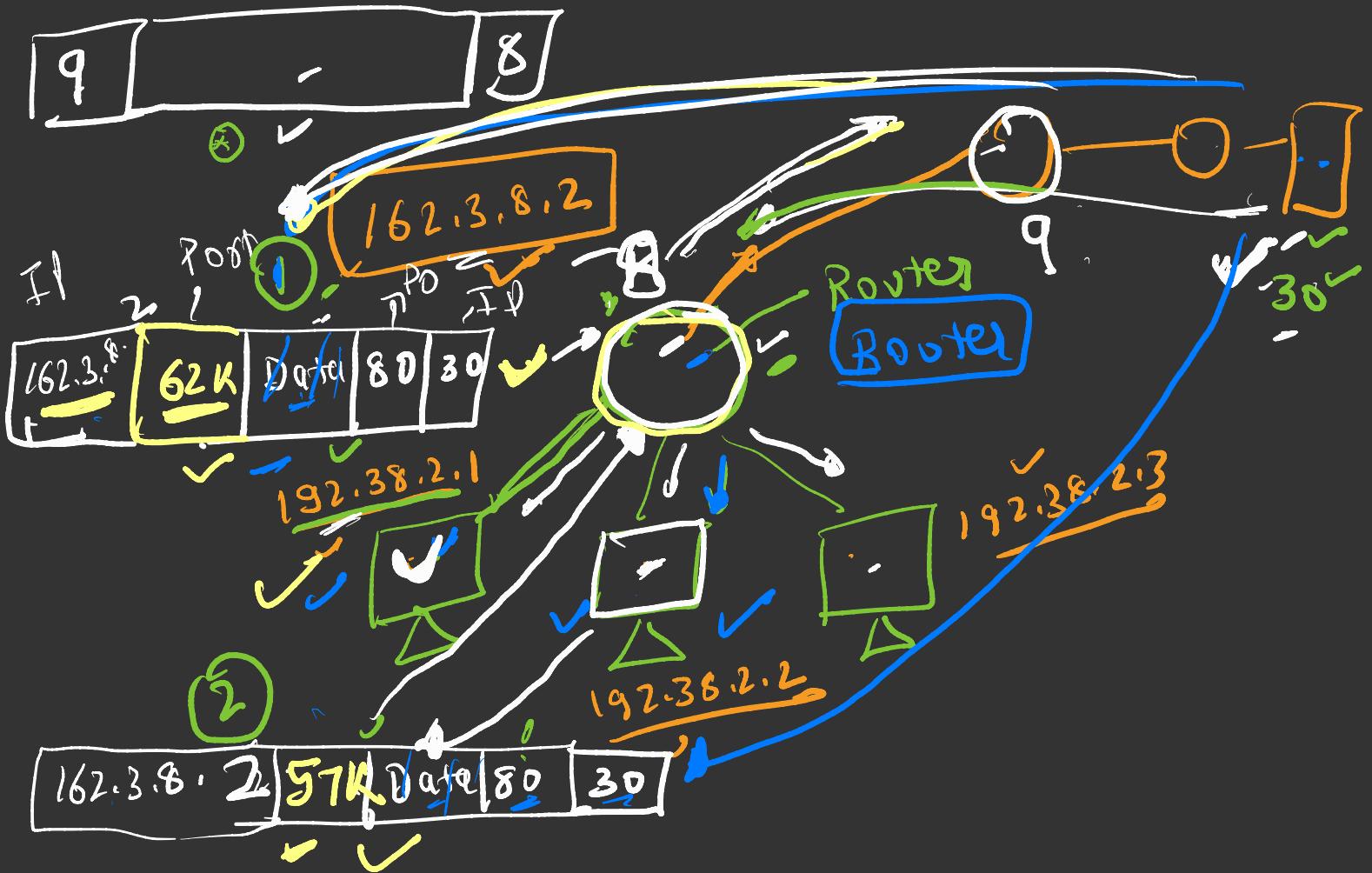
② UDP: Connection less protocol

① Seeding Data

② Unreliable Data Transfer



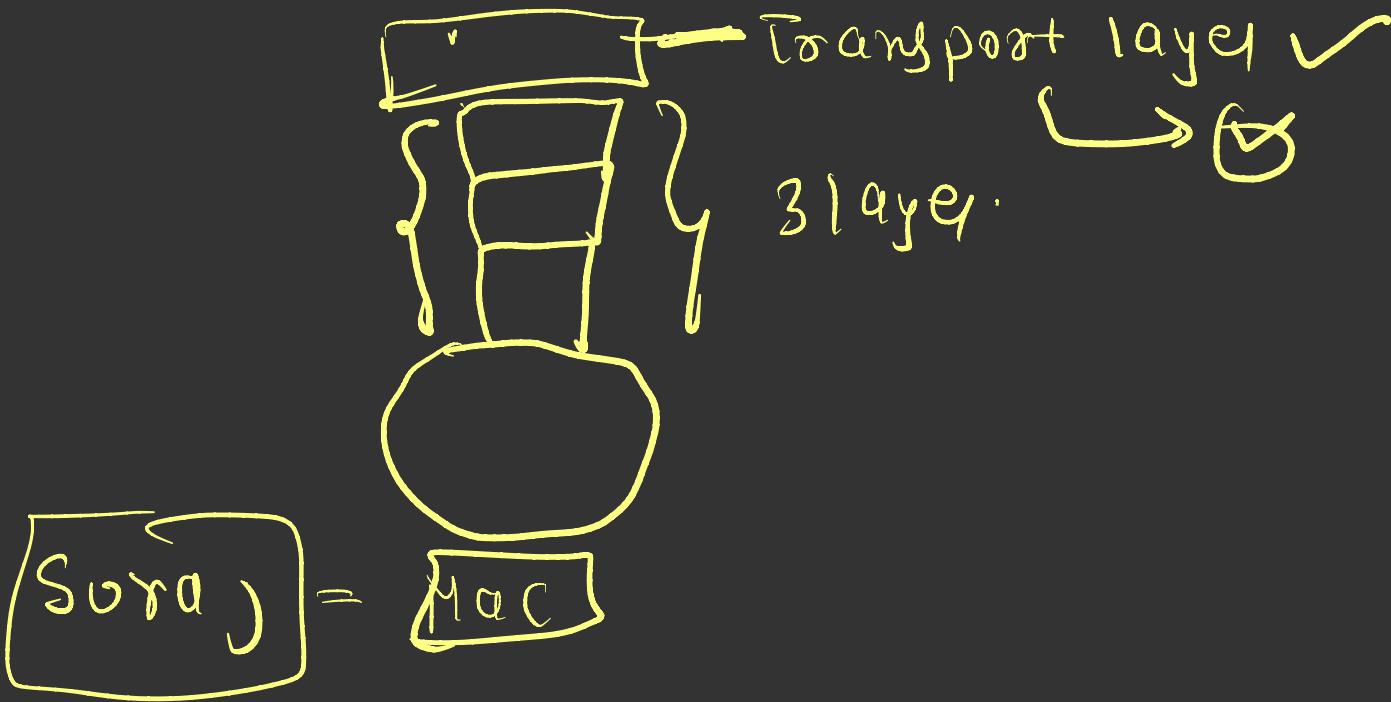




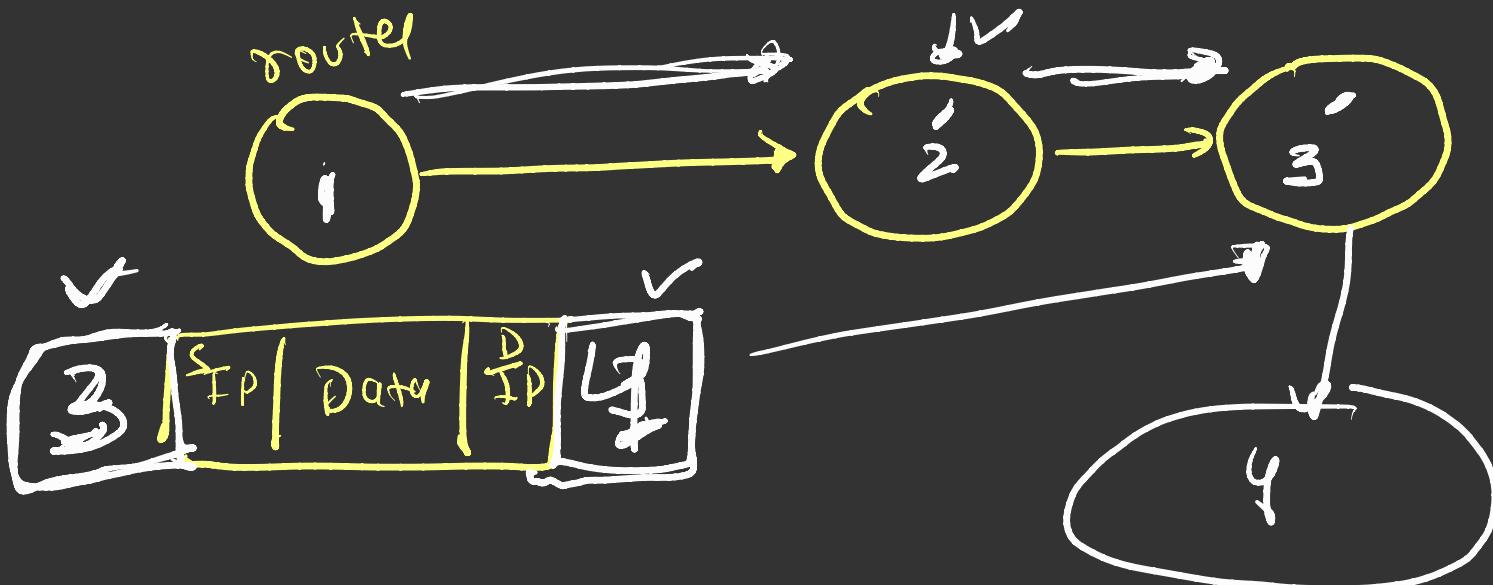
NAT: N/w Address Translation

Post no'

- ① 192.38.2.1 50K ; 62K
- ② 192.38.2.2 50K ; 57K



Mac: DLL

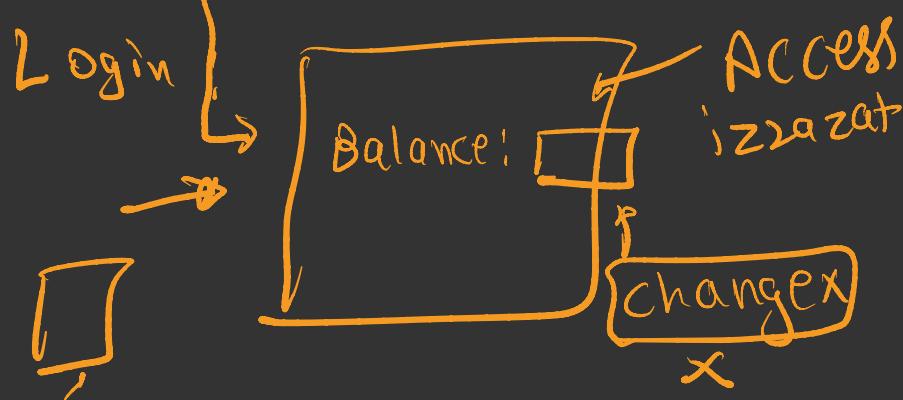


⑤ Session Layer: ✓

↳ session - Create

✓ ↳ Authentication: ✓

→ Authorization: ✓



websit

Login

= } password

Check point ; ✓ Session Layer



C 10GB

✓ 8GB
download

C 2GB



⑥

Presentation layers: ✓

→ Encrypt / decrypt ✓

→ Data compression ✓

DOS
DLL
COM
EXE

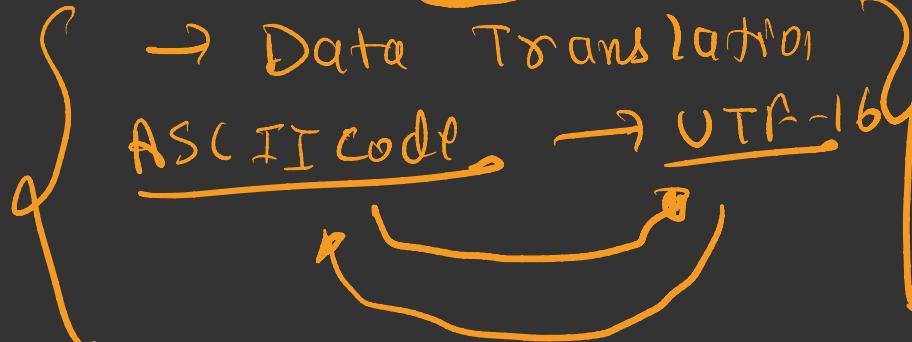


→ Data Translation

ASCII code

→

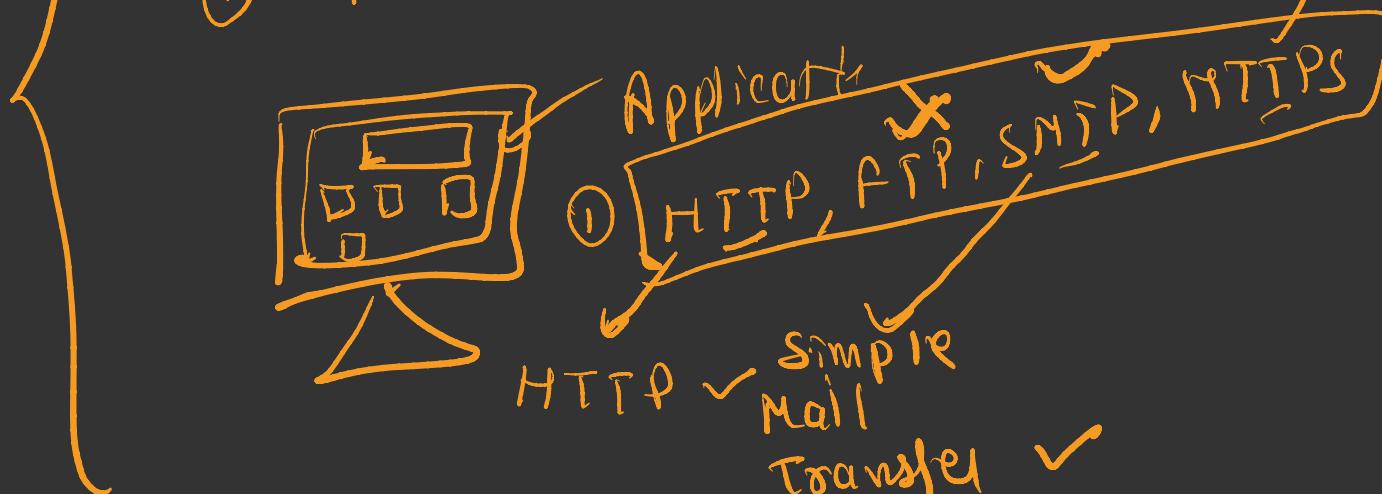
UTF-16



⑦

Application Layer ✓

① Provide N/W Interface ✓



③ [Network Transparency] ✓

