

7821081179



Physical ✓

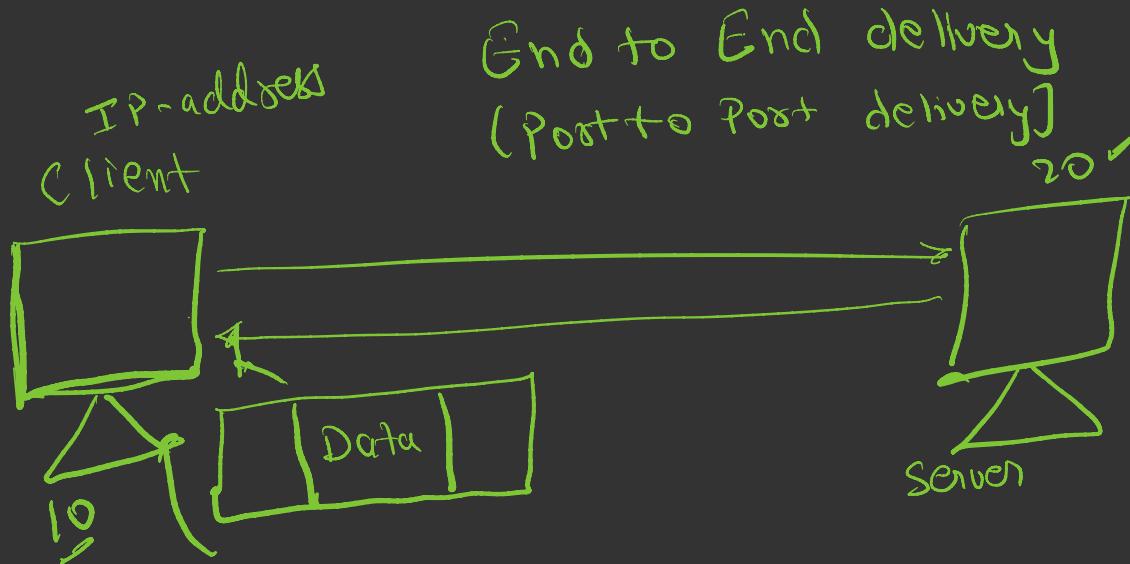
DLL ✓

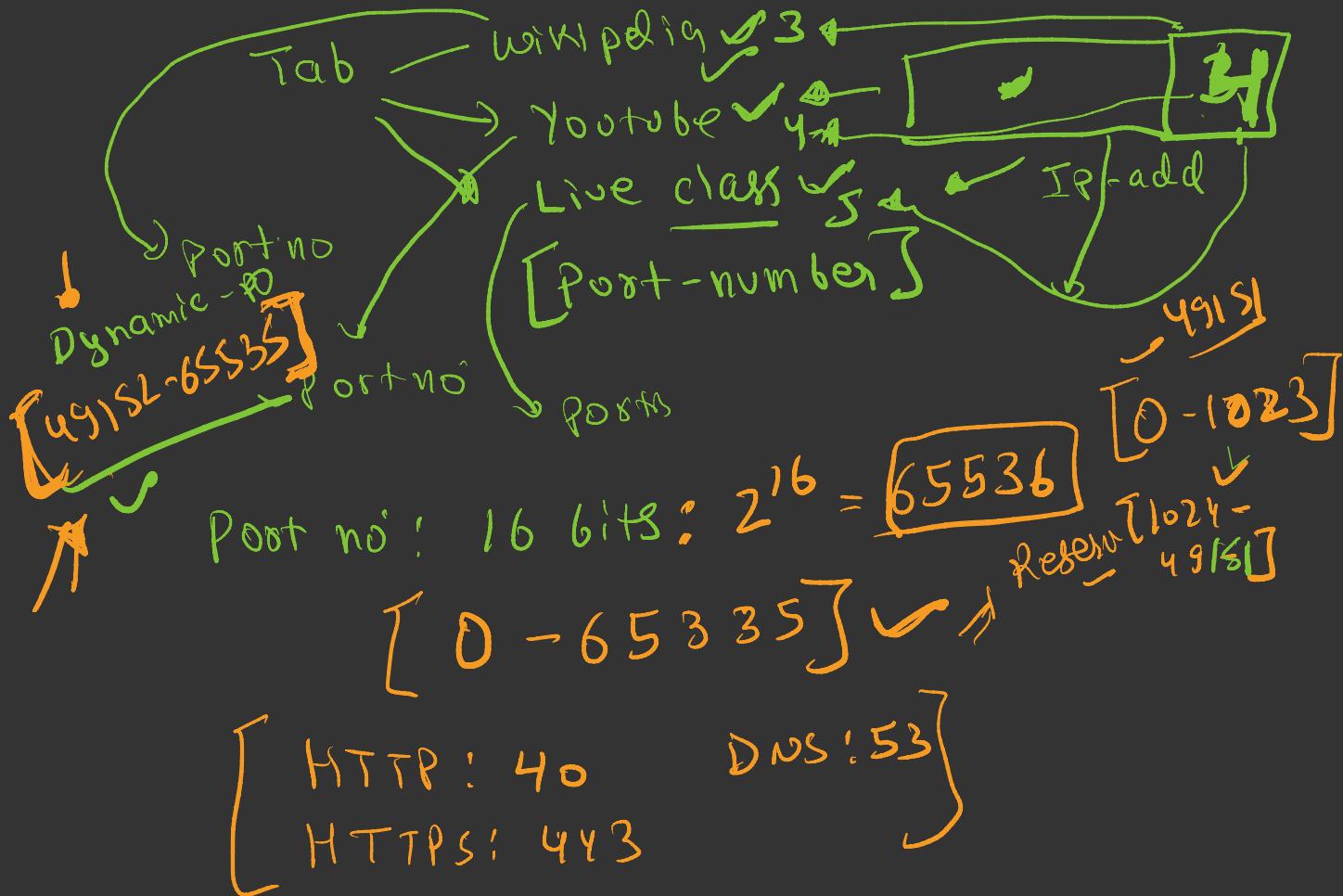
Network ✓

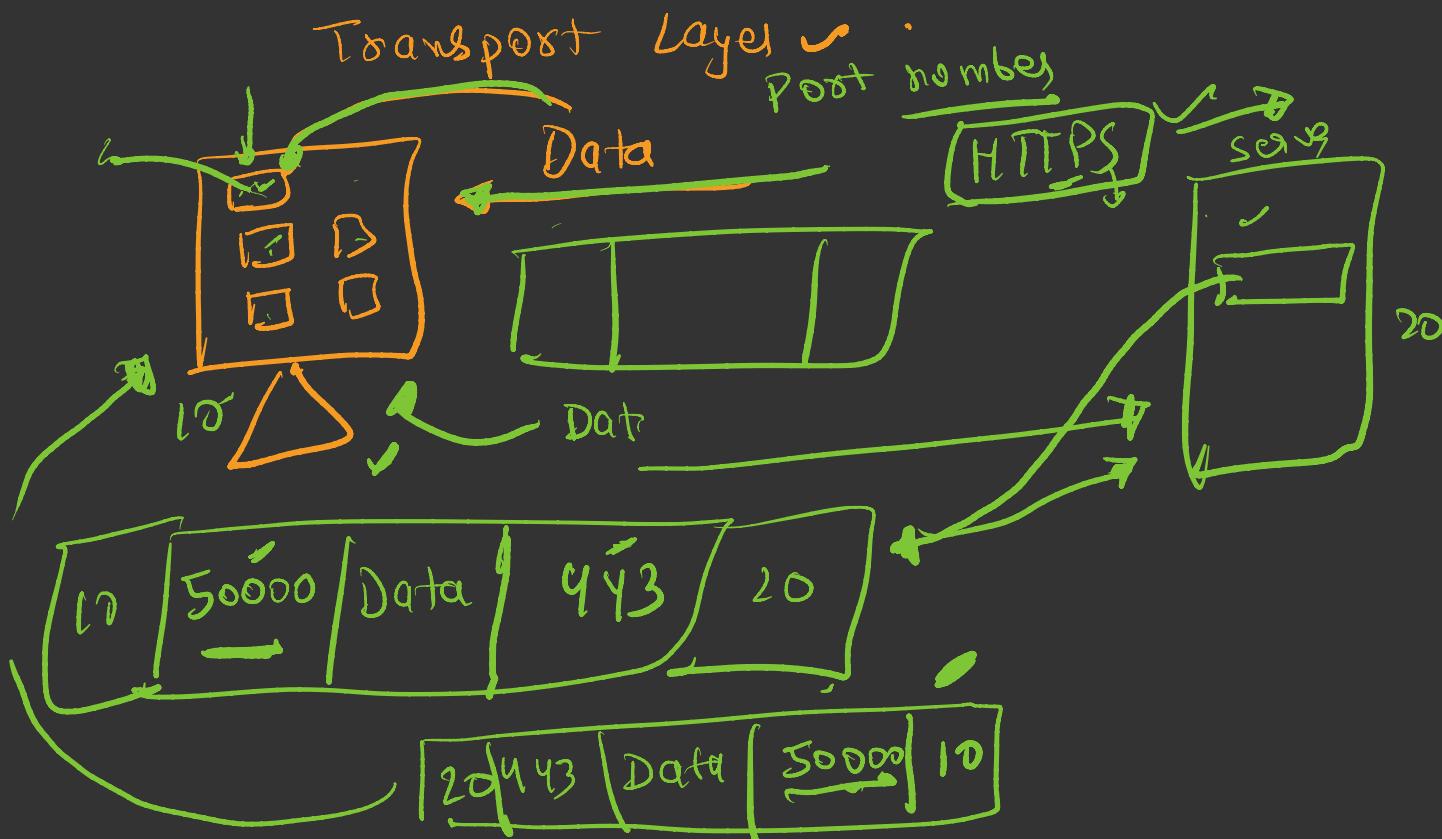
Transport layer ✓

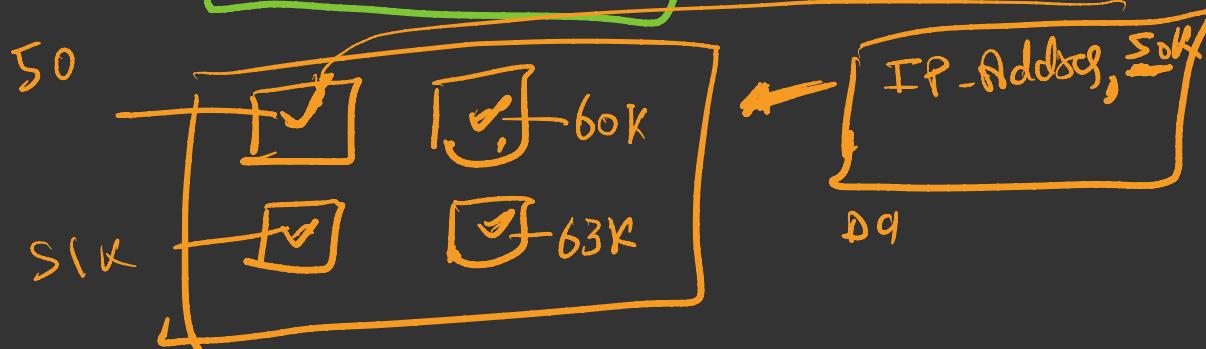
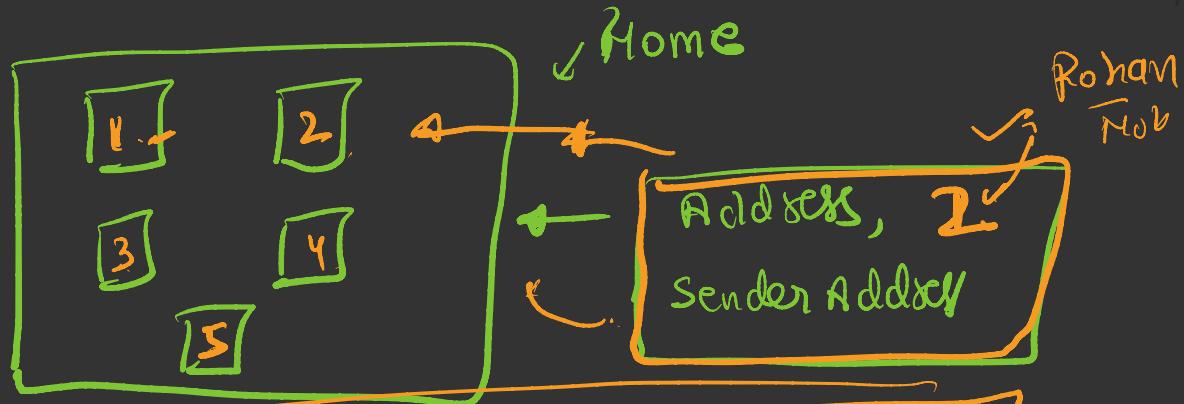


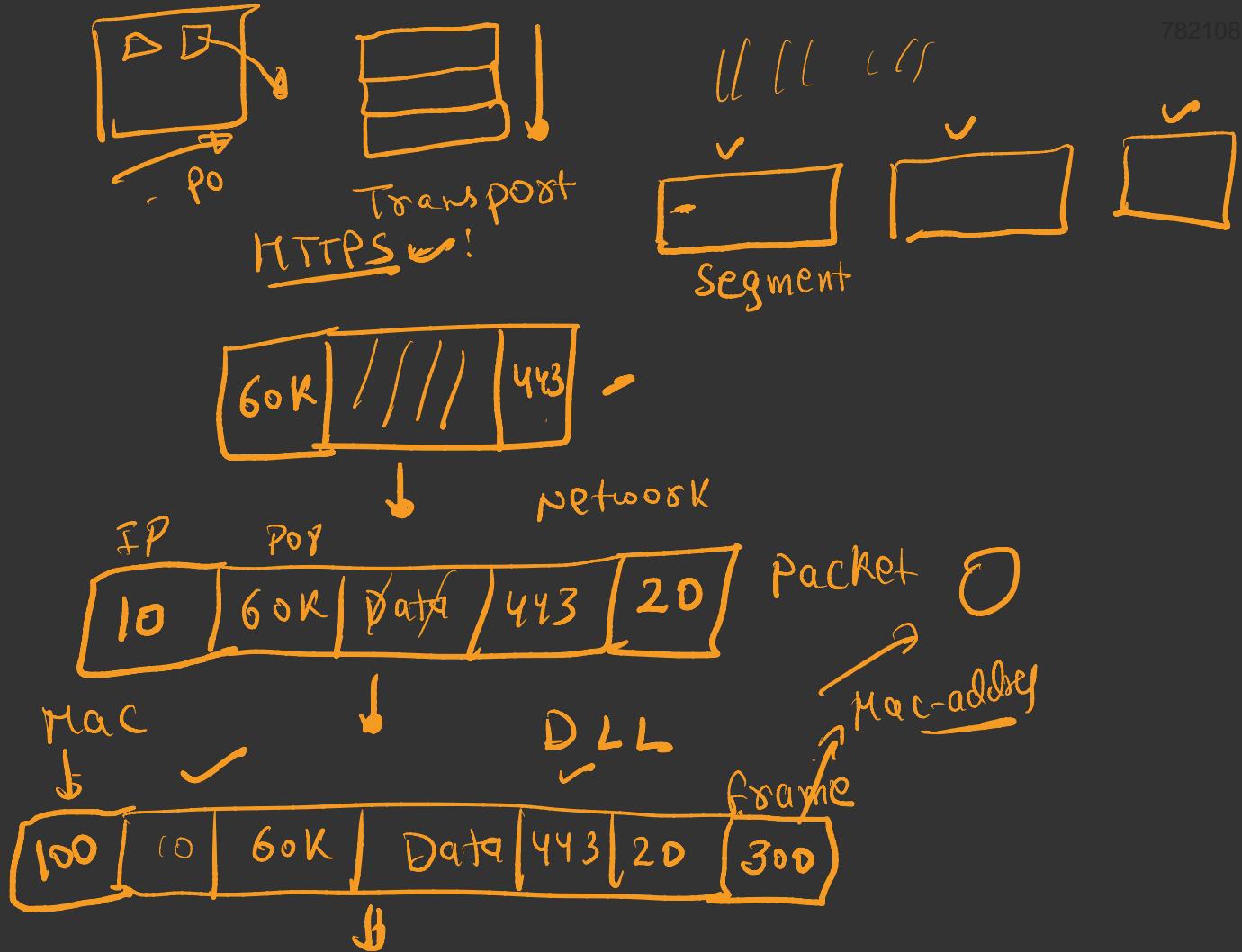
Transport Layer :











Physical bits ✓



Transport Layer

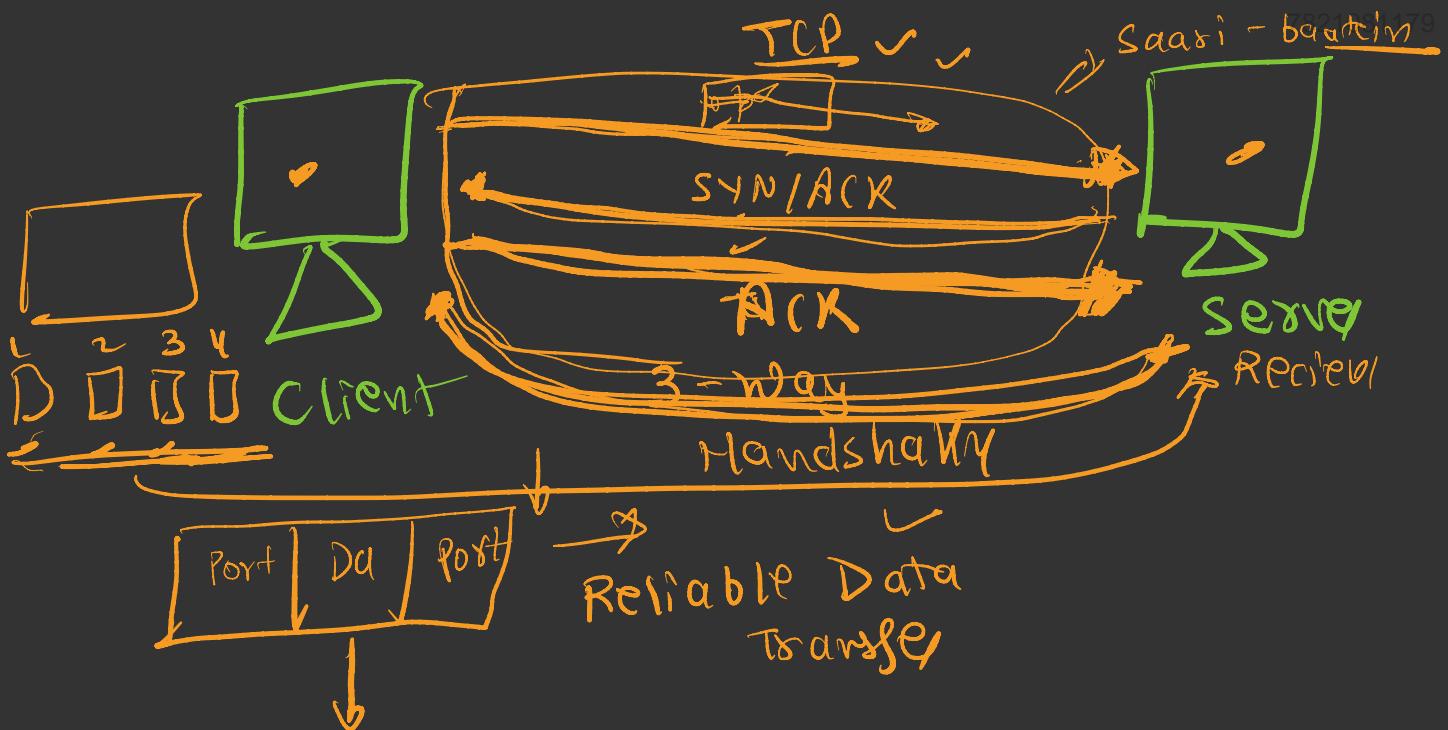
TCP

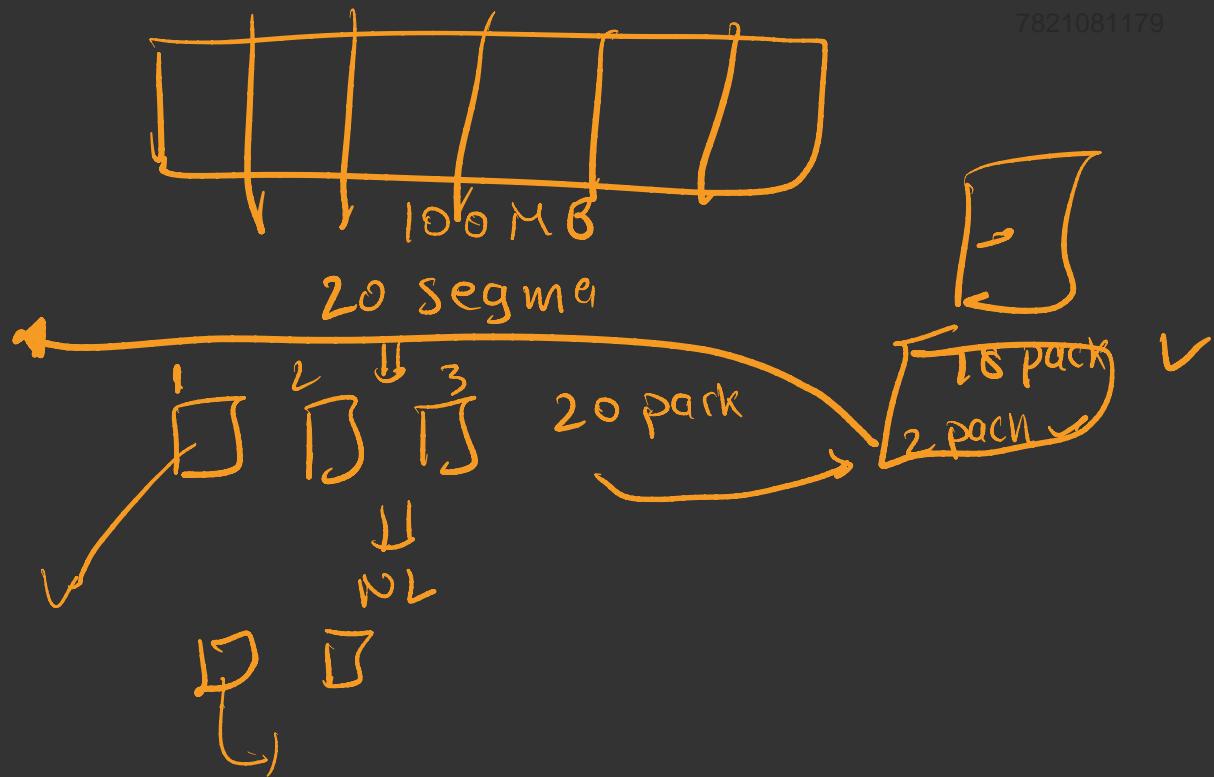
Transfer
control protocol

UDP

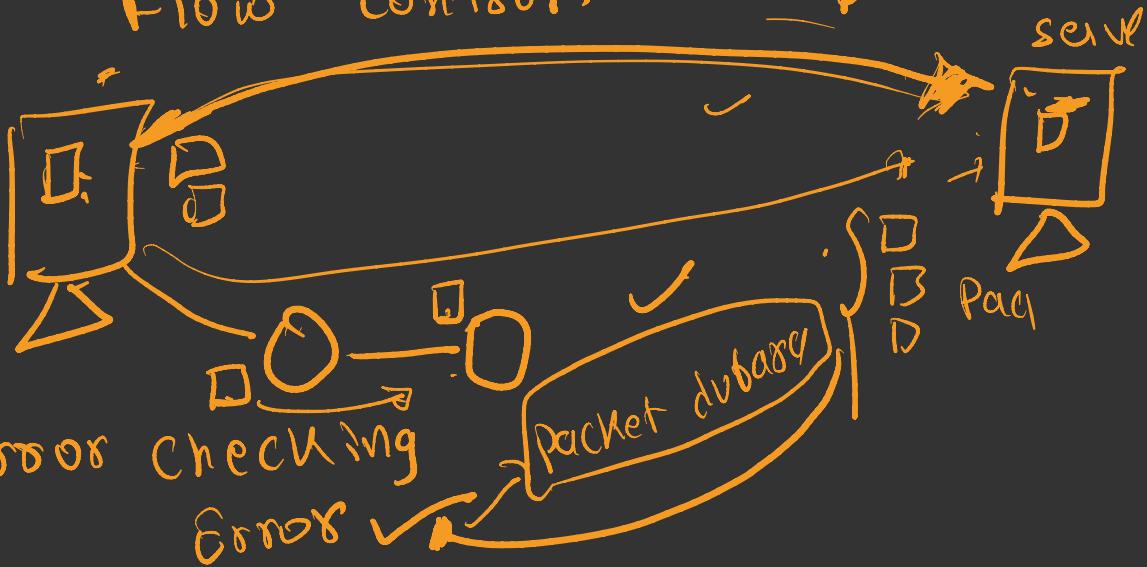
uses Datagram
program

Connection oriented protocol

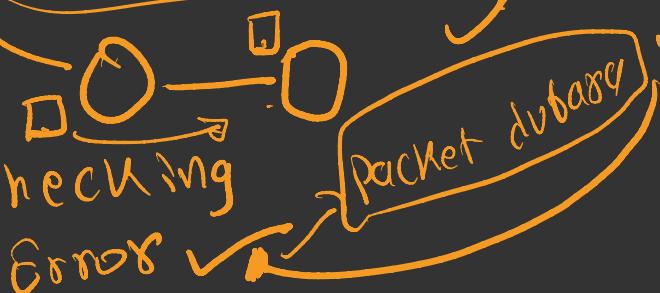




① Flow control ✓ Transport



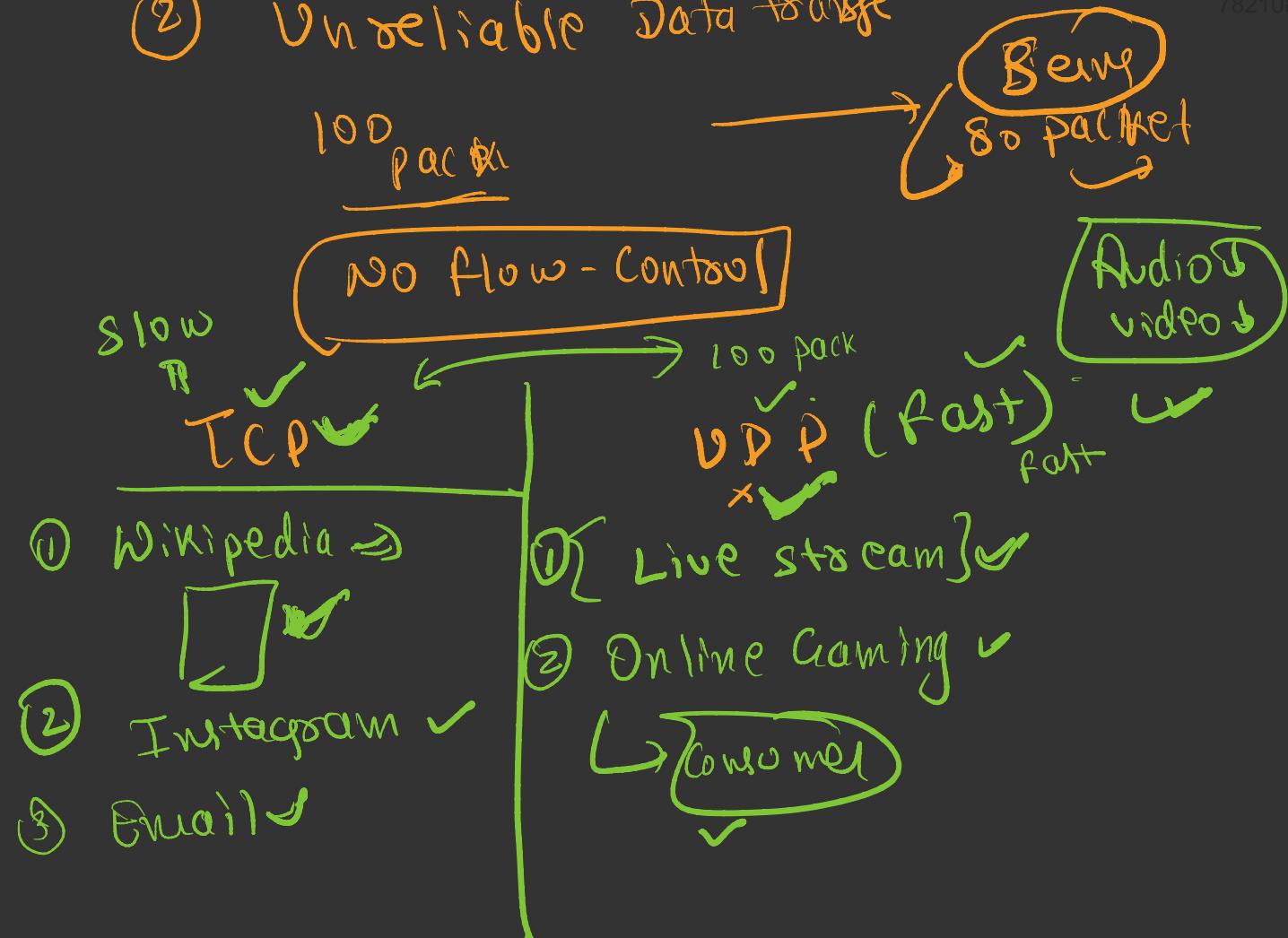
② Error checking



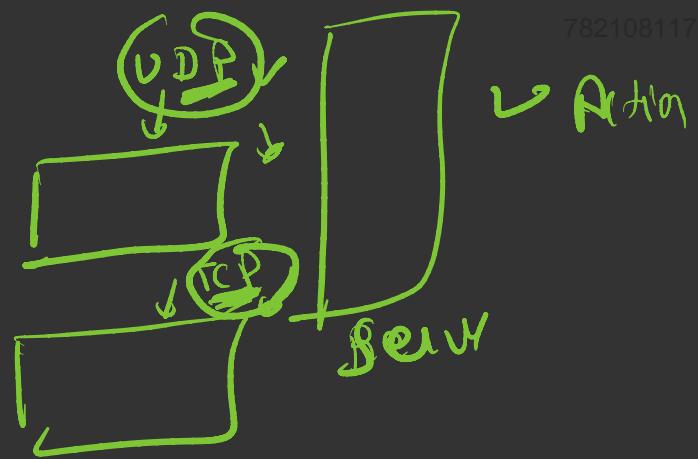
③ UDP: Connection less protocol

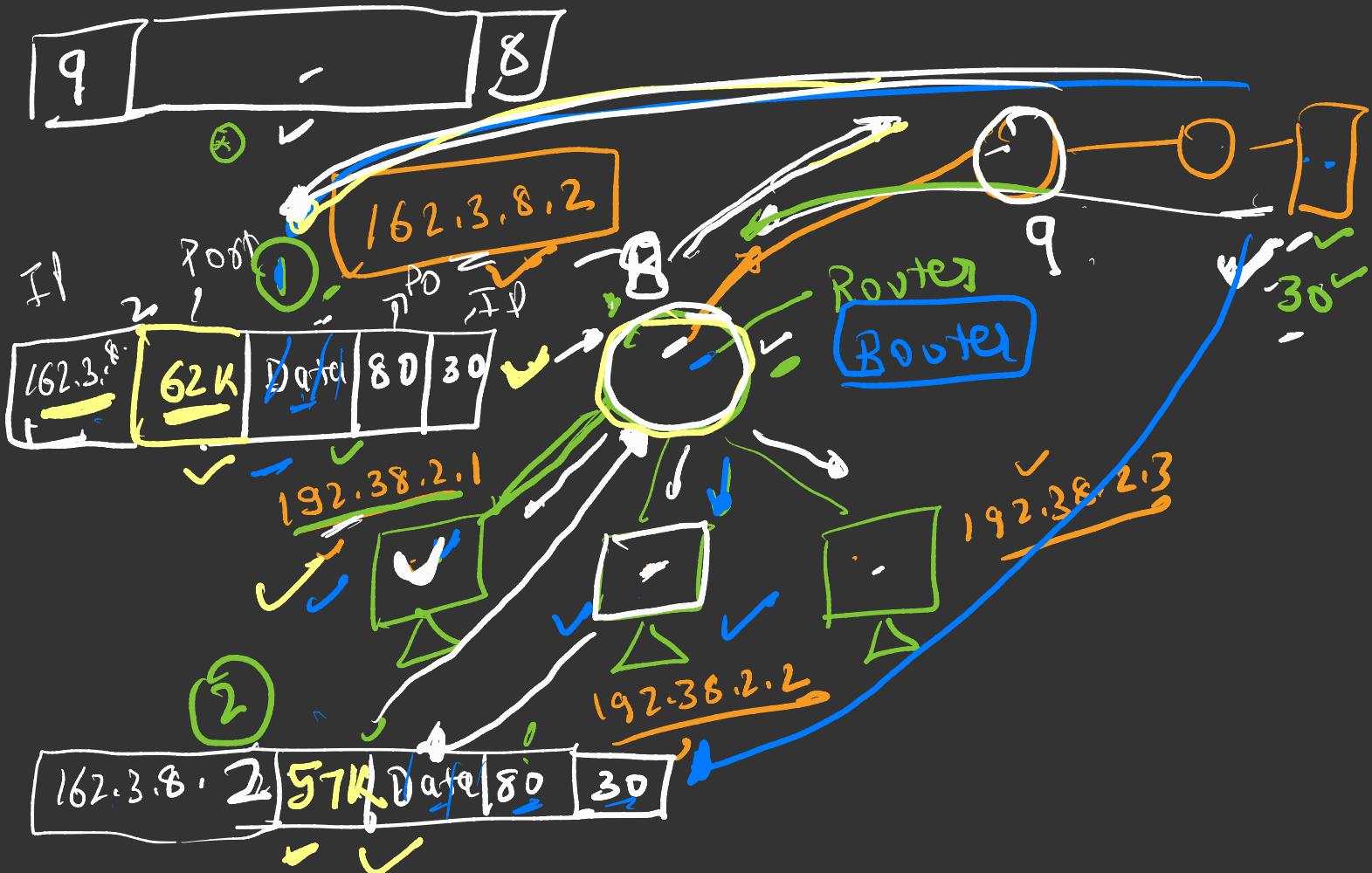
④ Seeding Data

② Unreliable Data Transfer



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NAT: N/w Address Translation

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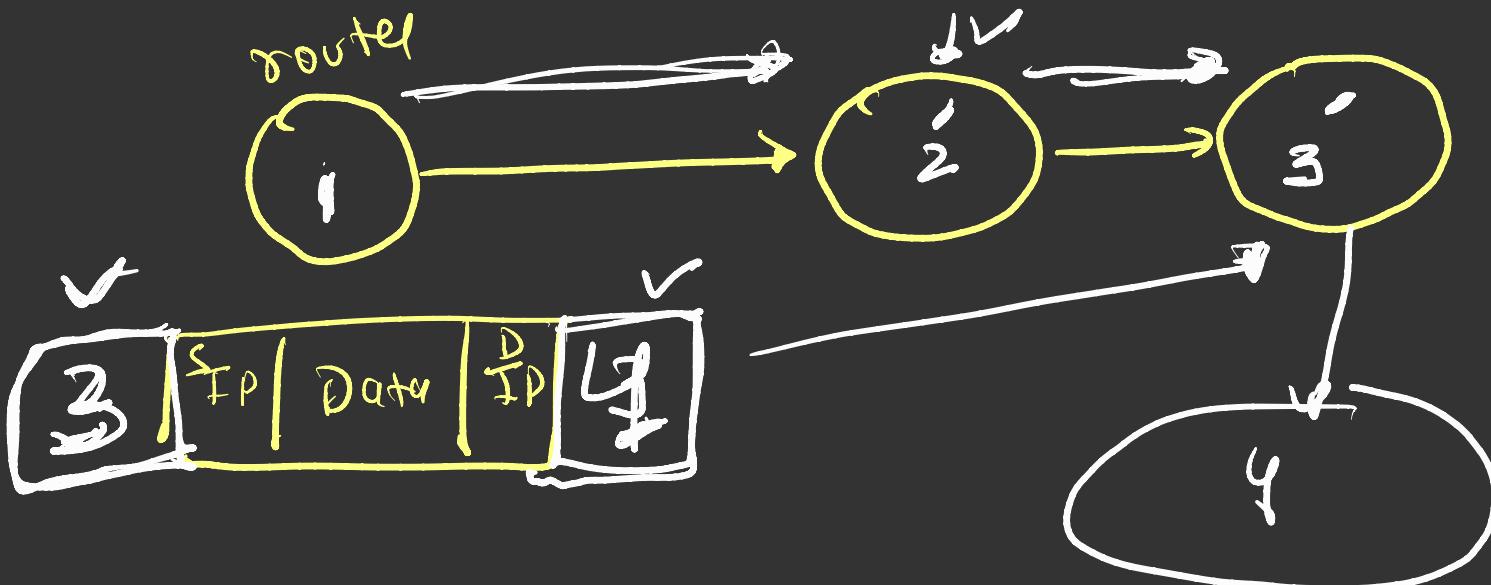
Post no'

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



Syntax = Mac

Mac: DLL

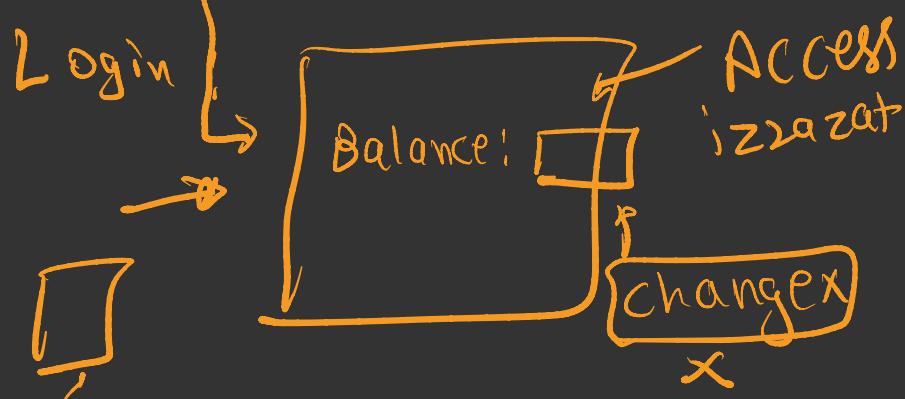


⑤ Session Layer: ✓

↳ session - Create

✓ ↳ Authentication: ✓

→ Authorization: ✓



Login
= { password }

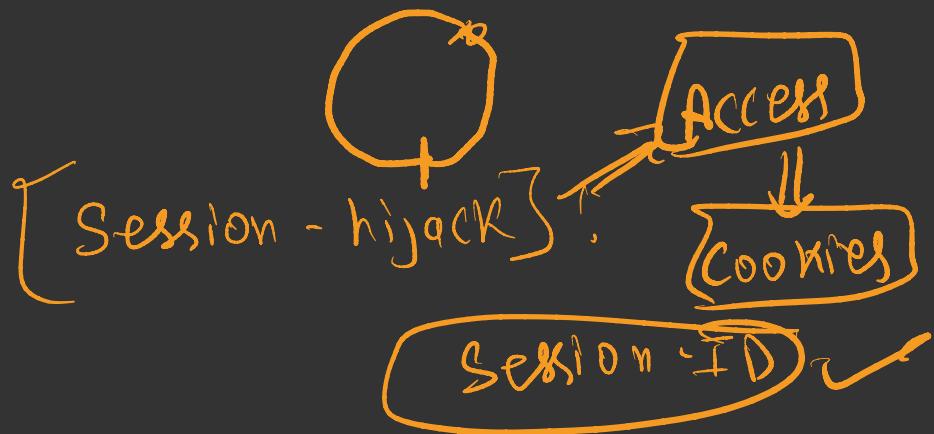
Checkpoint ; ✓ Session Layer



C 10GB

✓ 8GB
download

C 2GB

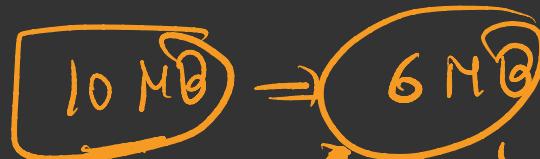


(6)

Presentation Layer: ✓

→ Encrypt / decrypt ✓

→ Data compression ✓

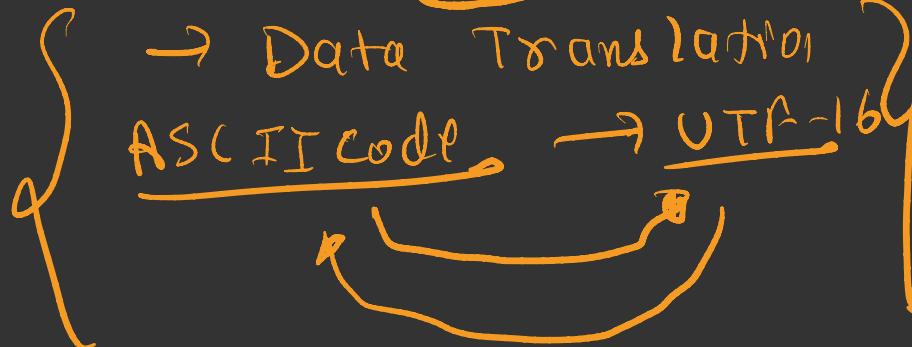
{ ABC
DEF }

→ Data Translation

ASCII code

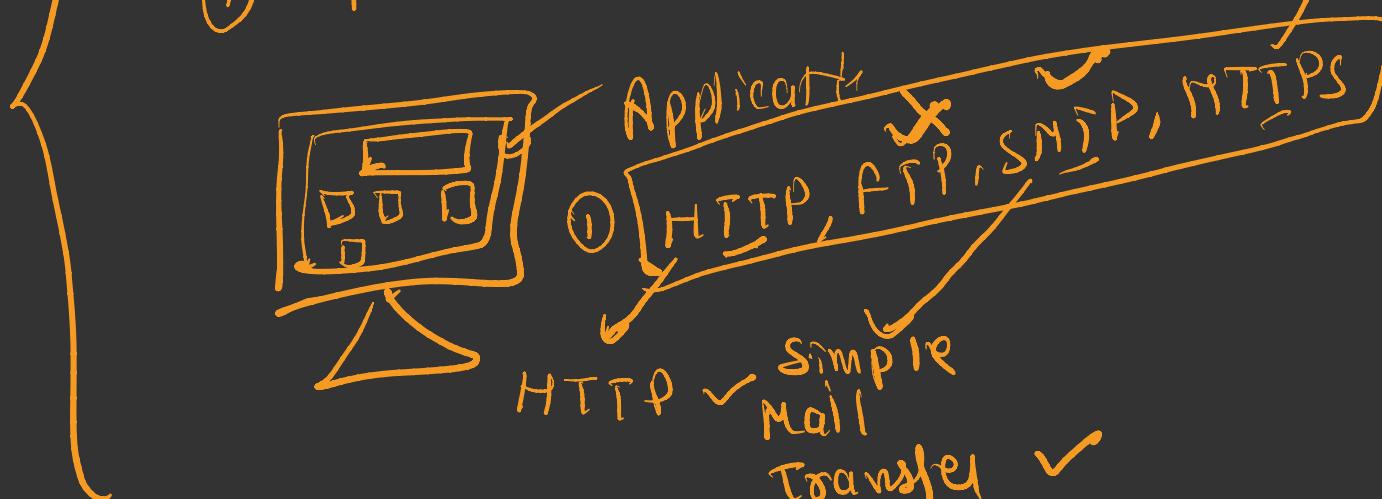
→

UTF-16



Application Layer ✓

① Provide N/W Interface ✓



③ [Network Transparency] ✓

