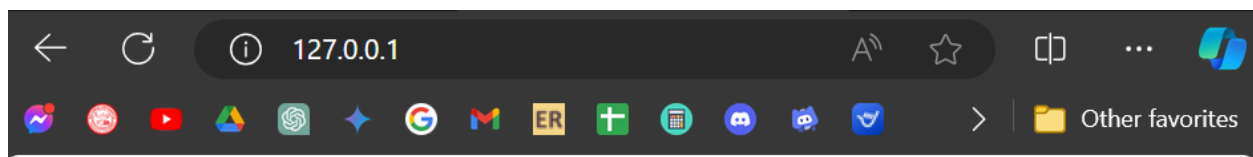


### Task 1 Step 4:

| IP Address      | Output                        |
|-----------------|-------------------------------|
| 127.0.0.1       | It works!                     |
| 127.255.255.254 | It works!                     |
| 127.255.255.255 | Hmmm... can't reach this page |
| 127.0.0.1       | Hmmm... can't reach this page |

### Task 2 Step 3:



# Welcome to the CompSci 34 Web Server!!!

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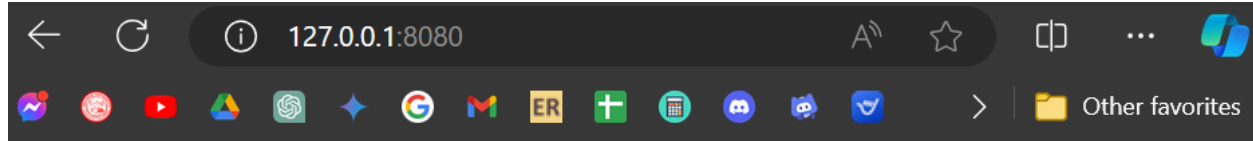
Contact web administrator: [rynzadaval@su.edu.ph](mailto:rynzadaval@su.edu.ph)

### Task 3:

[illegible]

| No.  | Time      | Source            | Destination  | Protocol | Length | Info   |
|------|-----------|-------------------|--------------|----------|--------|--|
| 1482 | 47.036317 | 8e:69:bd:b0:06:48 | Broadcast    | ARP      | 56     | Gratuitous ARP for 172.17.0.152 (Request)  |
| 1483 | 47.147100 | 8a:53:cd:4a:b9:aa | Broadcast    | ARP      | 56     | ARP Announcement for 169.254.164.113   |
| 1484 | 47.148070 | ee:28:93:62:d1:eb | Broadcast    | ARP      | 56     | Gratuitous ARP for 172.17.24.171 (Request)   |
| 1485 | 47.148605 | ee:28:93:62:d1:eb | Broadcast    | ARP      | 56     | Gratuitous ARP for 172.17.24.171 (Request)   |
| 1486 | 47.149146 | ee:28:93:62:d1:eb | Broadcast    | ARP      | 56     | Gratuitous ARP for 172.17.24.171 (Request)   |
| 1487 | 47.151082 | 23.67.33.150      | 172.17.9.169 | TCP      | 66     | 80 → 52388 [SYN, ACK] Seq=0 Ack=1 Win=64240 Len=0 MSS=1460 SACK_PERM WS=128                    |
| 1488 | 47.151194 | 172.17.9.169      | 23.67.33.150 | TCP      | 54     | 52388 → 80 [ACK] Seq=1 Ack=1 Win=65536 Len=0   |
| 1489 | 47.151458 | 172.17.9.169      | 23.67.33.150 | HTTP     | 165    | GET /connecttest.txt HTTP/1.1  |
| 1490 | 47.159610 | 23.67.33.150      | 172.17.9.169 | TCP      | 66     | [TCP Out-Of-Order] 80 → 52388 [SYN, ACK] Seq=0 Ack=1 Win=64240 Len=0 MSS=1460 SACK_PERM WS=... |
| 1491 | 47.159655 | 172.17.9.169      | 23.67.33.150 | TCP      | 66     | [TCP Dup ACK 1488#1] 52388 → 80 [ACK] Seq=112 Ack=1 Win=65536 Len=0 SLE=0 SRE=1                |
| 1492 | 47.236541 | 96:e8:a4:bb:ab:04 | Broadcast    | ARP      | 56     | ARP Announcement for 172.17.14.193   |
| 1493 | 47.346275 | 8e:1a:68:7f:3f:6a | Broadcast    | ARP      | 56     | ARP Announcement for 172.17.21.182   |
| 1494 | 47.347641 | ea:97:d0:63:49:83 | Broadcast    | ARP      | 56     | ARP Announcement for 169.254.91.123  |
| 1495 | 47.348581 | 26:4a:7f:90:36:9f | Broadcast    | ARP      | 56     | ARP Announcement for 172.17.29.174   |
| 1496 | 47.351548 | 23.67.33.150      | 172.17.9.169 | TCP      | 60     | 80 → 52388 [ACK] Seq=1 Ack=112 Win=64256 Len=0   |
| 1497 | 47.351958 | 23.67.33.150      | 172.17.9.169 | HTTP     | 211    | HTTP/1.1 200 OK (text/css)   |

Frame 1490: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface \...  
 Ethernet II, Src: ArubaHewlett\_c7:1b:e3 (28:de:65:c7:1b:e3), Dst: CloudNetwork\_a5:37...  
 Internet Protocol Version 4, Src: 23.67.33.150, Dst: 172.17.9.169  
 Transmission Control Protocol, Src Port: 80, Dst Port: 52388, Seq: 0, Ack: 1, Len: 0  
 Source Port: 80  
 Destination Port: 52388  
 [Stream index: 24]  
 [Conversation completeness: Complete, WITH\_DATA (31)]  
 [TCP Segment Len: 0]  
 Sequence Number: 0 (relative sequence number)  
 Sequence Number (raw): 426305147  
 [Next Sequence Number: 1 (relative sequence number)]  
 Acknowledgment Number: 1 (relative ack number)  
 Acknowledgment number (raw): 3775158101  
 1000 .... = Header Length: 32 bytes (8)  
 Flags: 0x012 (SYN, ACK)

**Task 4:**

# Welcome to the CompSci 34 Web Server!!!

Operated by Yours Truly Rynz Daval!

Contact web administrator: rynzadaval@su.edu.ph

|     |                |                  |            |
|-----|----------------|------------------|------------|
| TCP | 127.0.0.1:8080 | RynzLaptop:51893 | FIN_WAIT_2 |
| TCP | 127.0.0.1:8080 | RynzLaptop:51894 | FIN_WAIT_2 |

**Task 5:**

Getting to have a taste at hosting a website was very interesting and insightful, there are a lot more things I hope to learn more about such as how to make it so that other users will be able to access my website by searching for a specific domain. There are still many things that I don't know about in the industry that I am going to, it is important that I learn the most that I can while in college so that I will be better prepared when the time comes for me to find a job.