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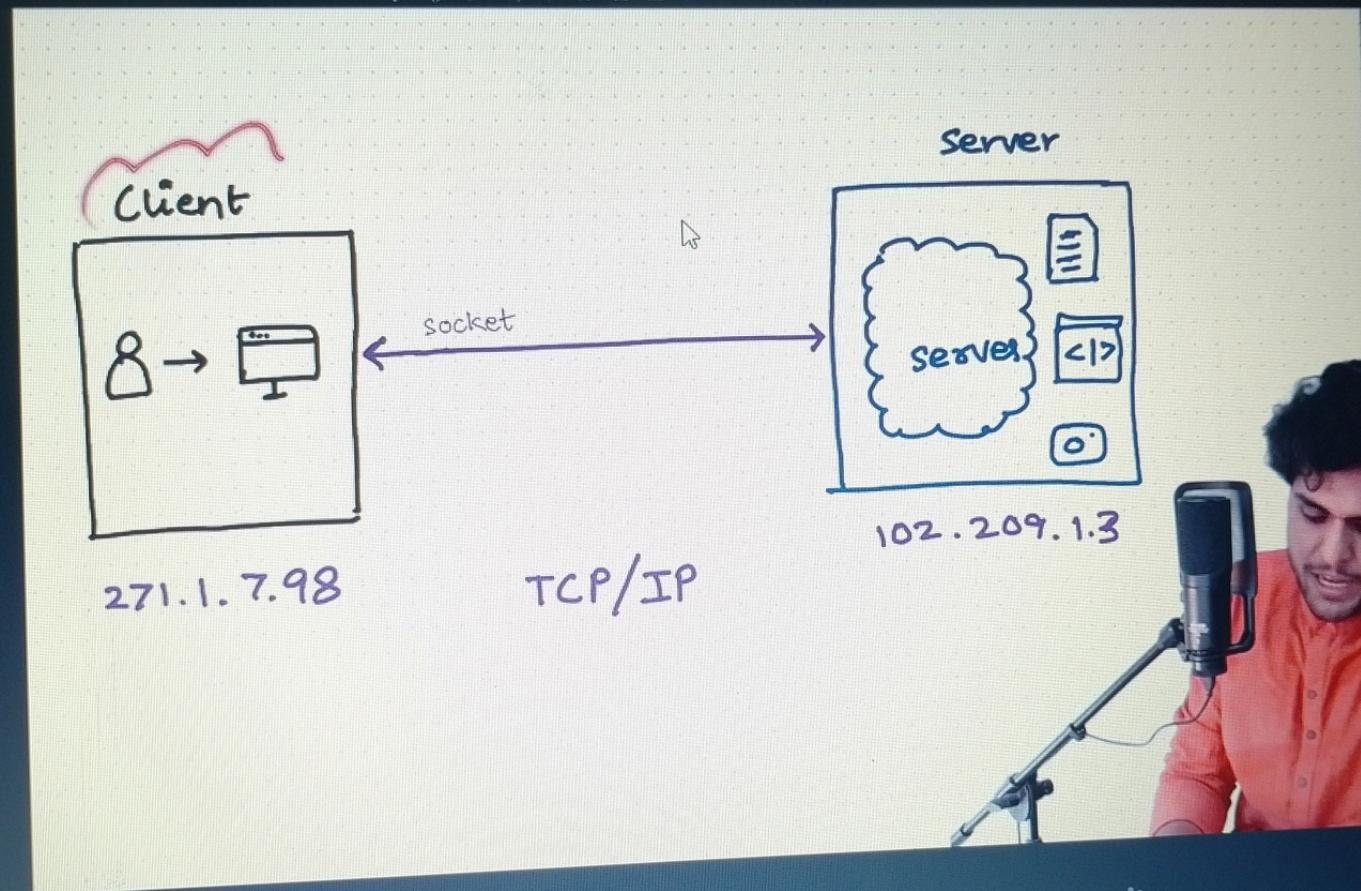
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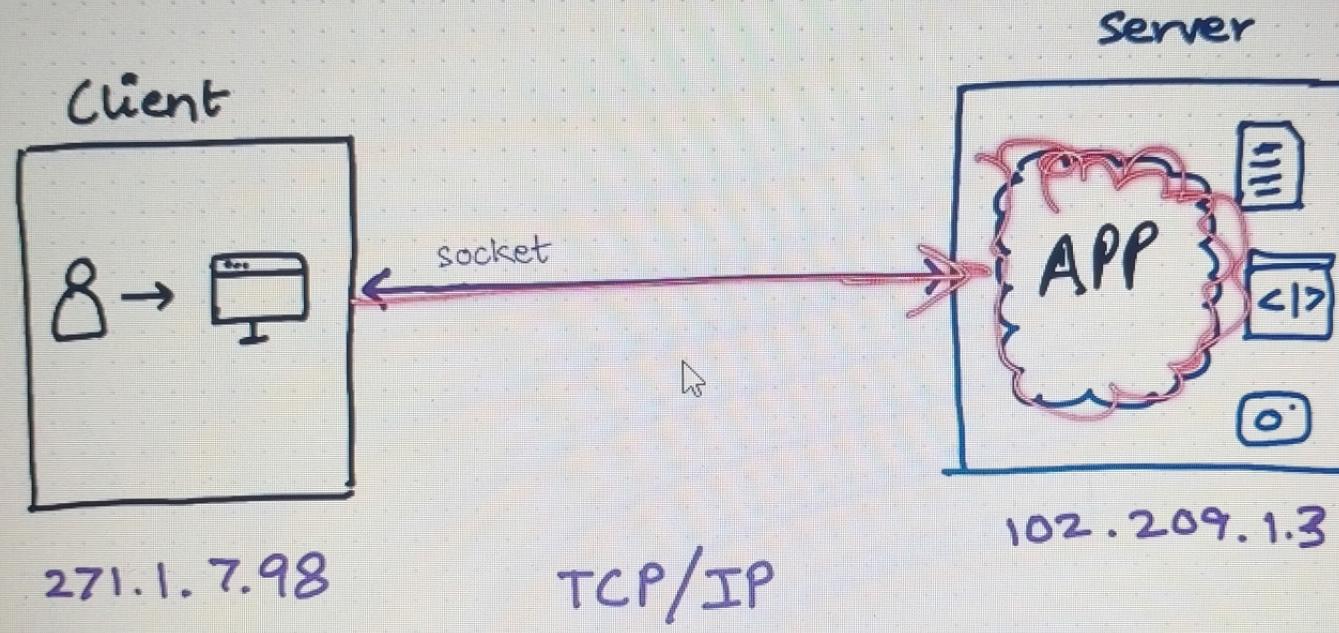


Course

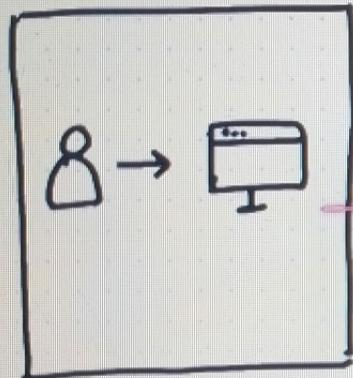
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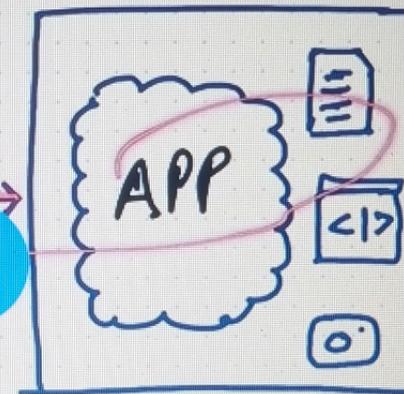
Client



socket

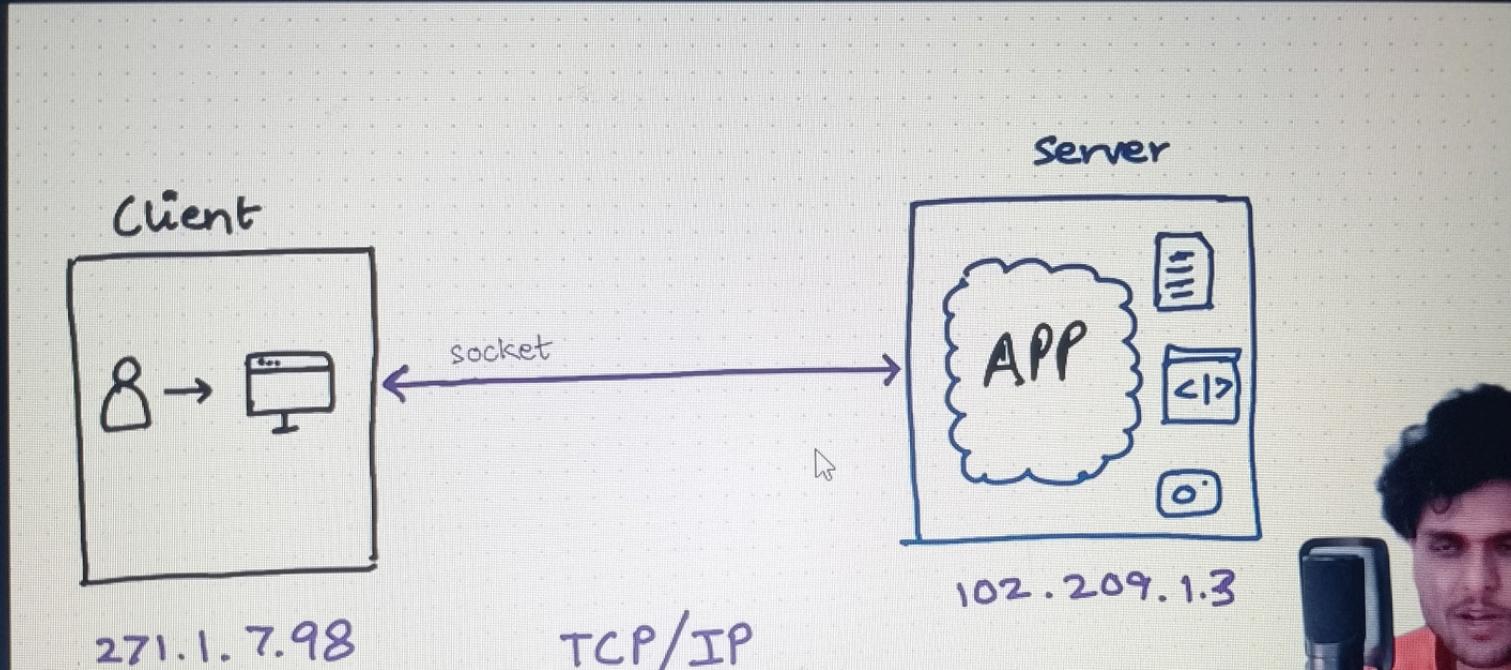


Server



TCP/IP



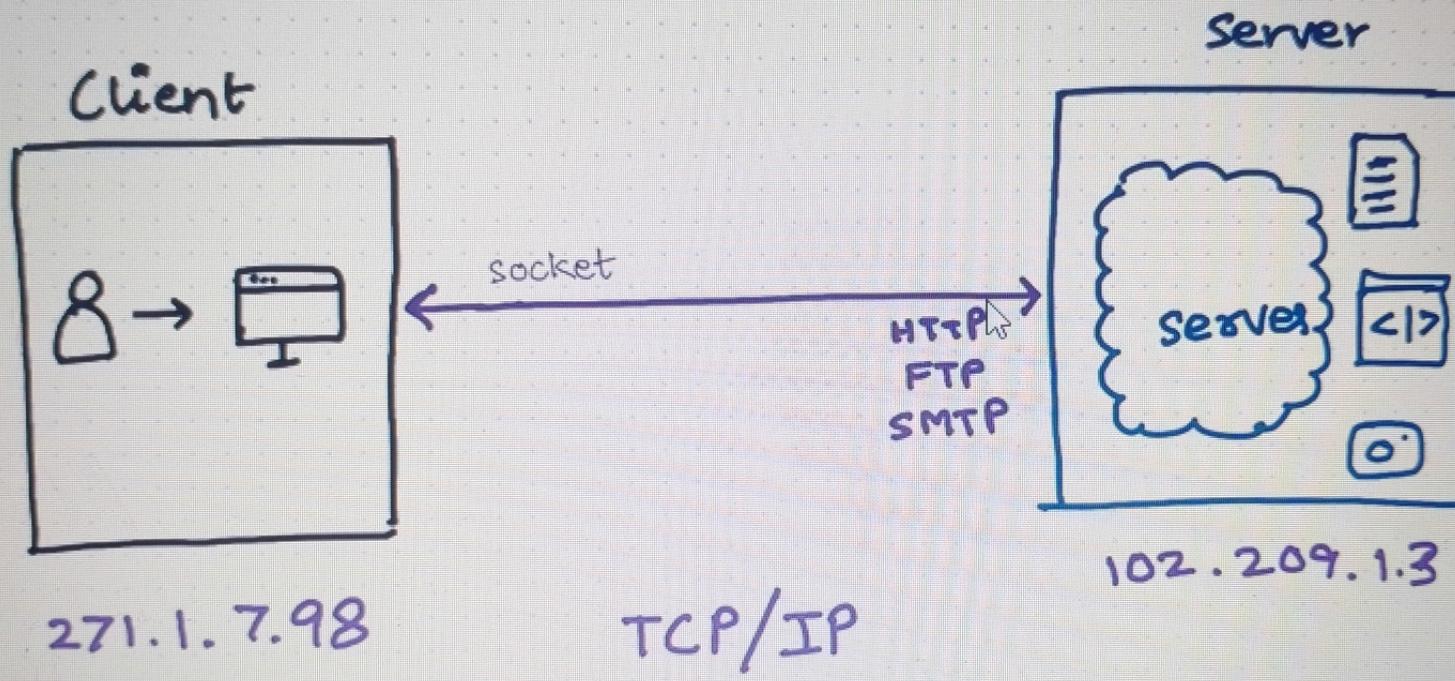


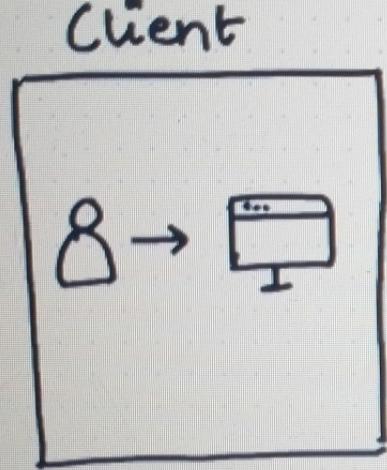
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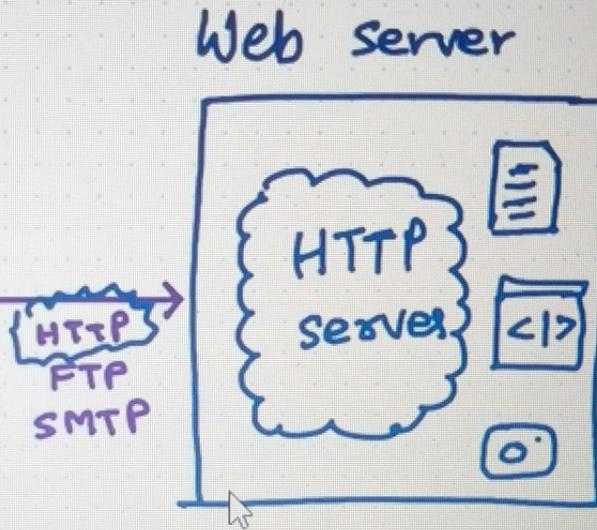




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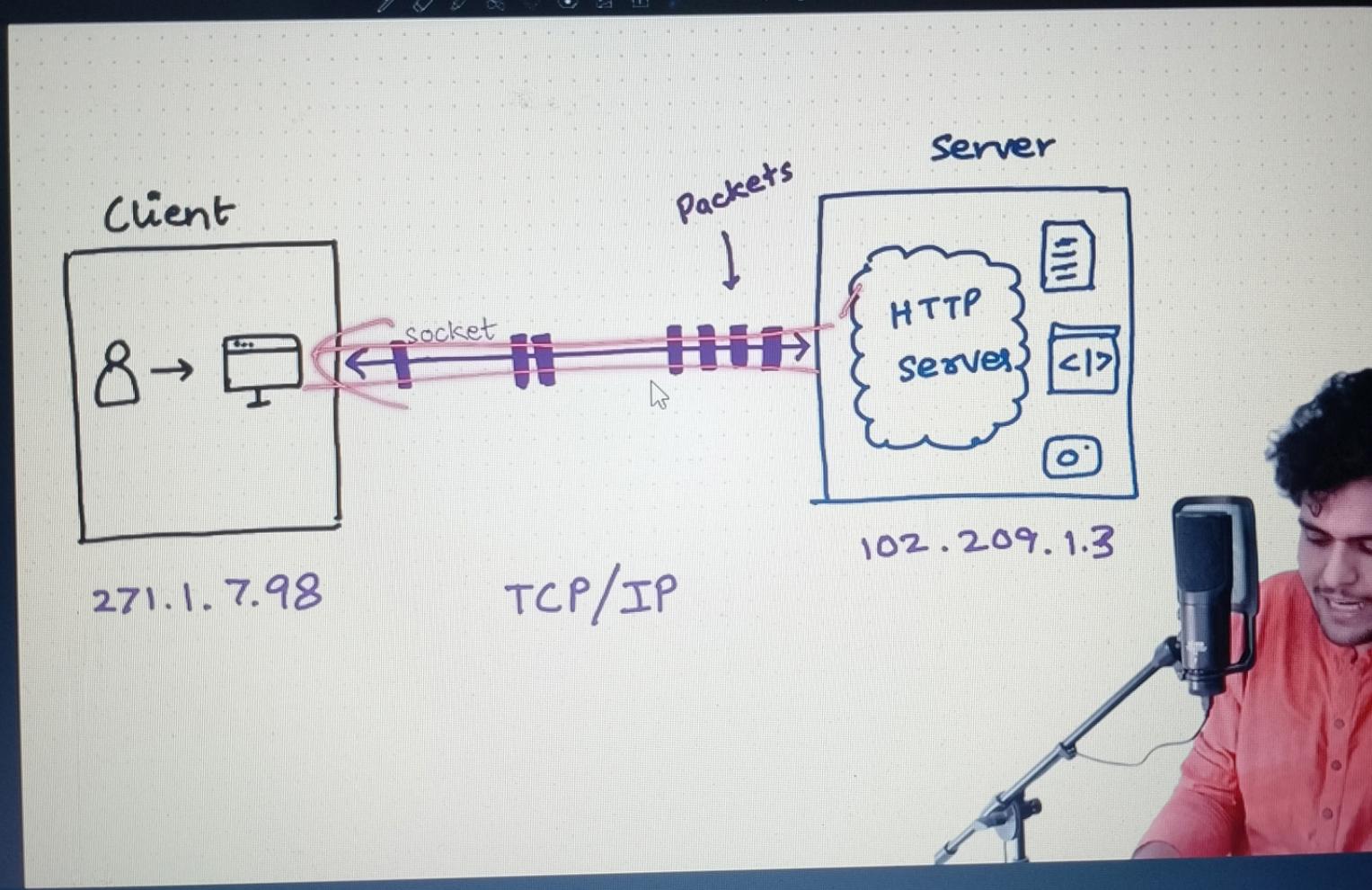
socket

TCP/IP



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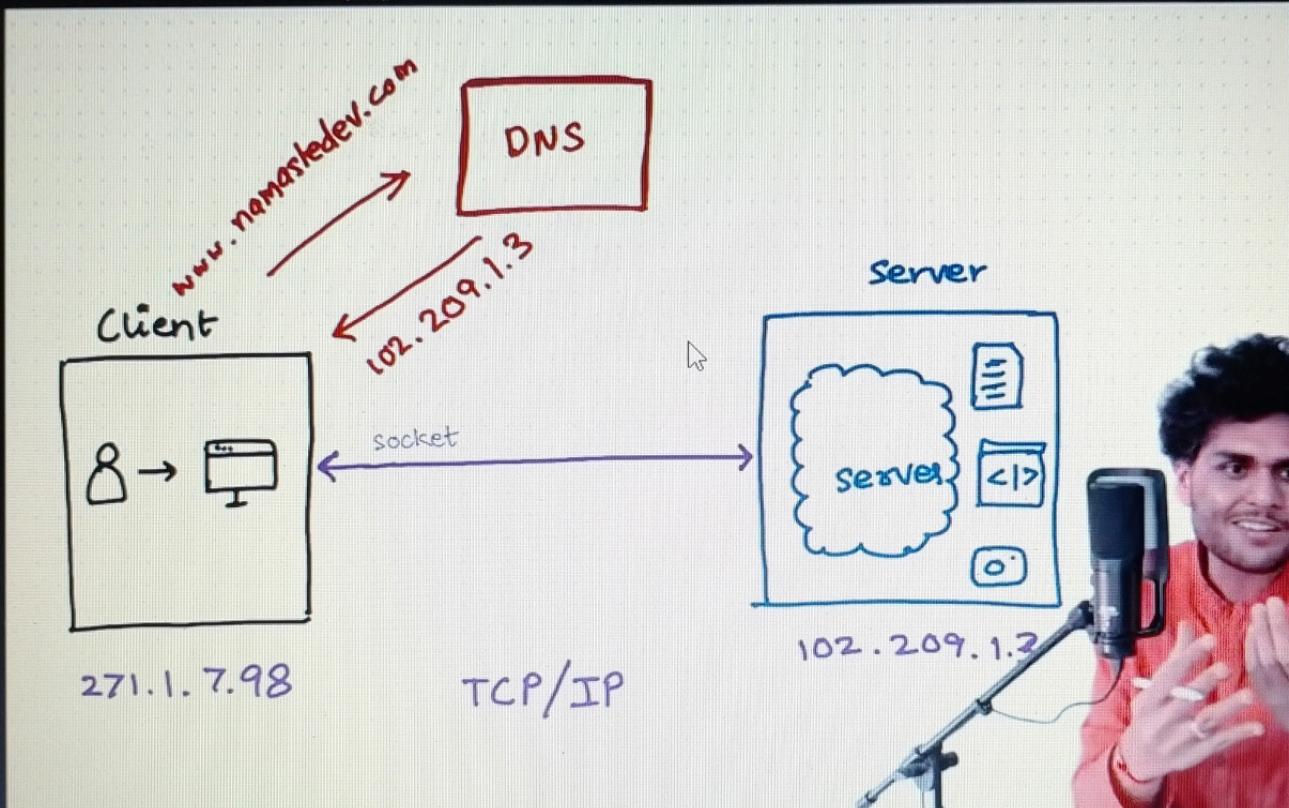
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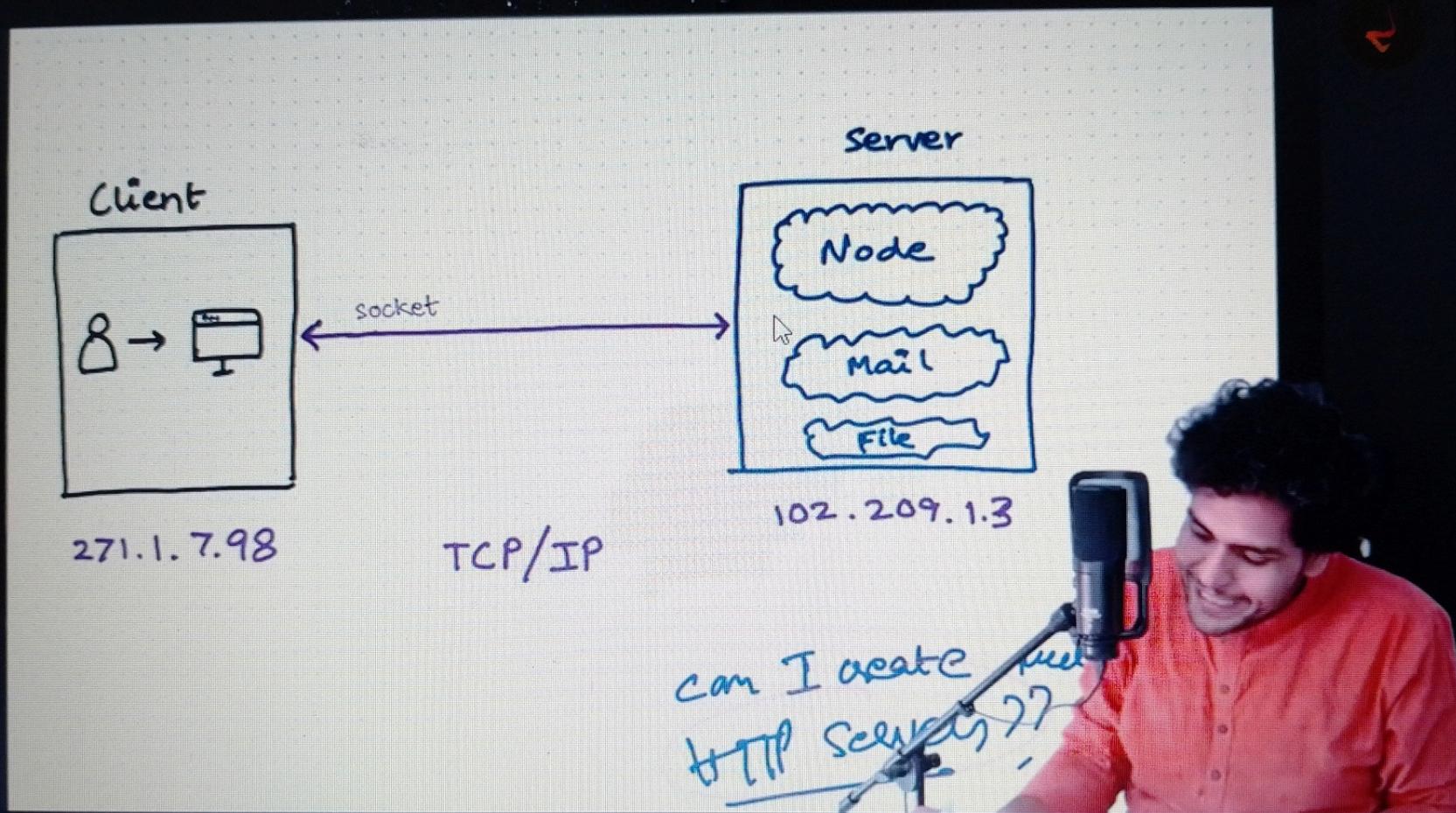
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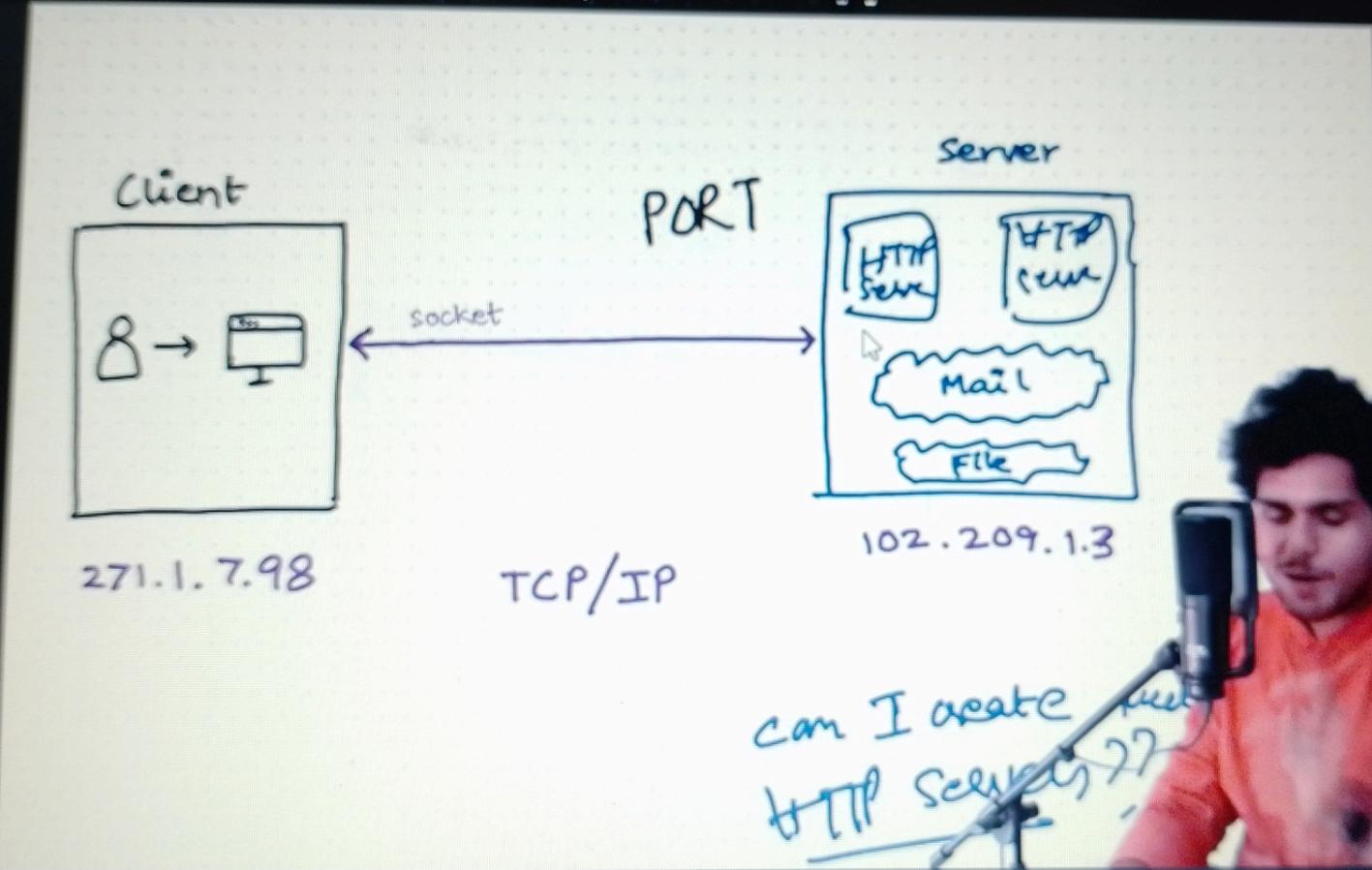


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Namaste Node.js

- episode-09.pdf...
- file.txt
- Note.txt
- episode-10 done.pdf...
- ~~Note.txt~~
- NAMASTENODEJS
 - episode-01
 - episode-02
 - episode-03-lets-write...
 - episode-04
 - episode-04.1
 - episode-06
 - episode-07
 - episode-08
 - episode-09
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Master the basics of server creation with this detailed tutorial on building a server using NodeJS. From setting up your development environment to handling HTTP requests and responses, this video cov....

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Client

271.1.7.98

TCP/IP

102.209.1.3 : 3000
(IP + PORT)

PORT 1010

server

102.209.1.3

HTTP serv

HTTP surv

Mail

File

PORT 3000

can I create my own HTTP Server??

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1

PS C: PS C: PS C:

Domain Name

IP + PORT + PATH
↓
API



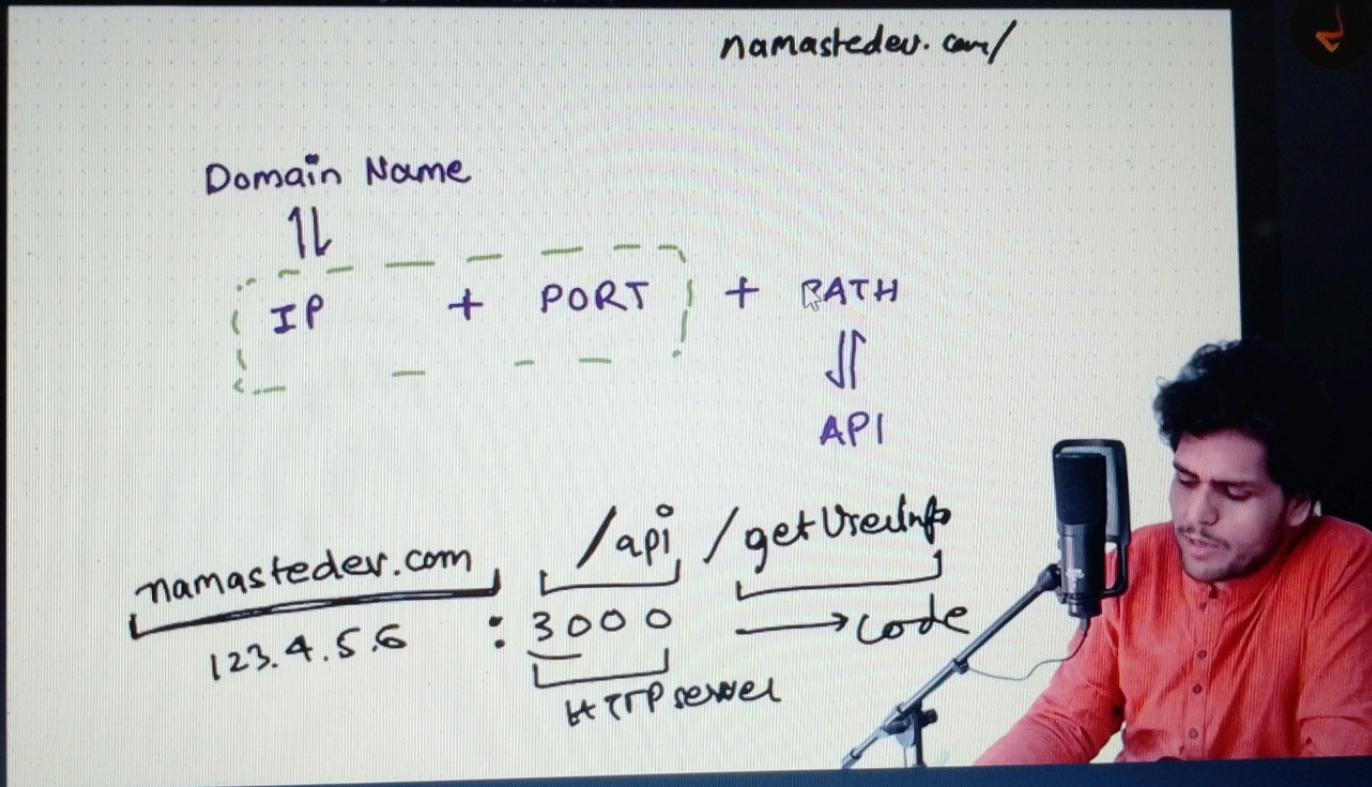
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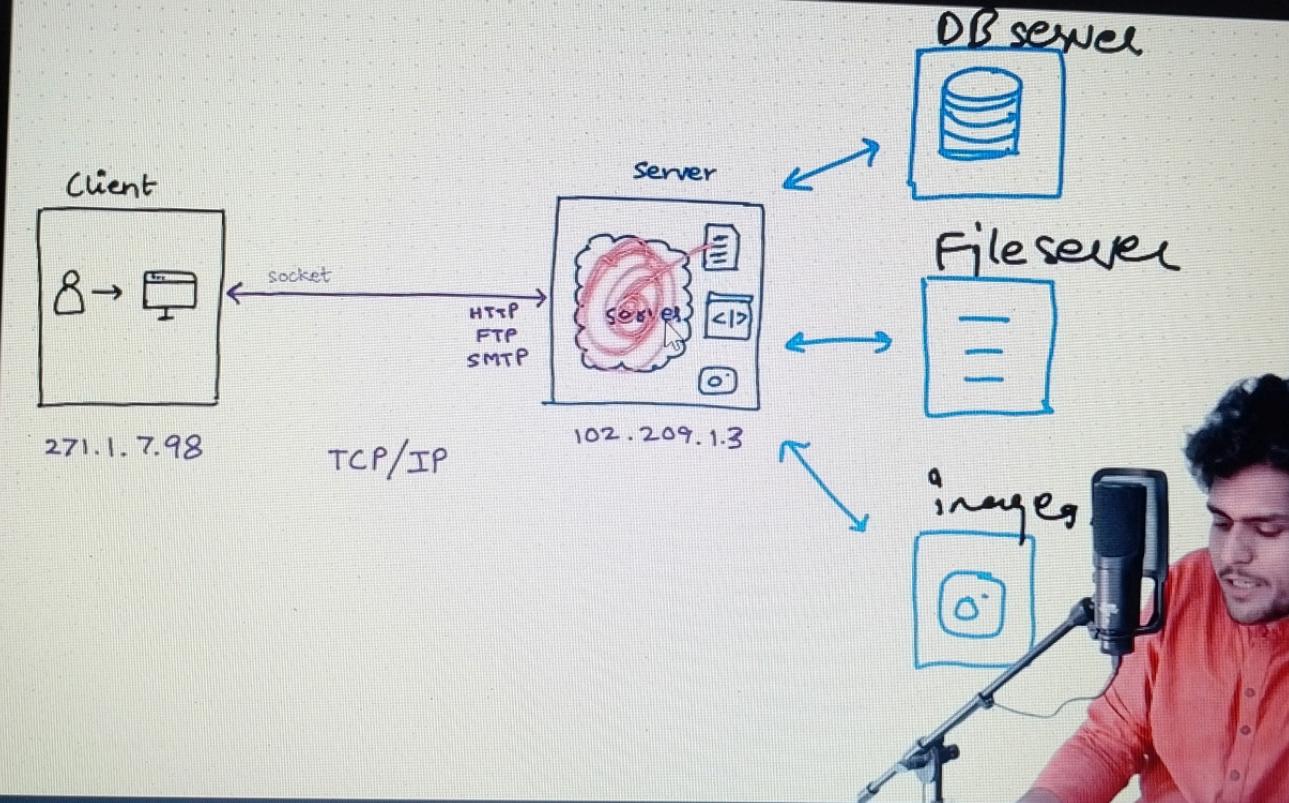
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- JS event-loop
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- JS event-loop
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- file.txt
- Note.txt
- episode-11
- X Note.txt
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- JS thread-pool
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11 of 15 Lessons Completed

S&P 500 +0.18%

NEW

OPEN EDITORS

- JS event-loop-2.js...
- JS event-loop-3.js...
- JS event-loop-4.js...
- JS event-loop-5.js...
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- file.txt episode-09
- Note.txt episode...
- episode-10 done...
- Note.txt e... M

NAMASTENODEJS

- episode-01
- episode-02
- episode-03-lets-write...
- episode-04
- episode-04.1
- episode-06
- episode-07
- episode-08
- episode-09

episode-10

- digital-note
- episode-10 done.pdf

text-note

- Note.txt
- thread-pool.js

episode-11

- digital-note
- text-note

Timeline

The Node.js server
4. Security and Per
Security: By using
Performance: Nginx
5. Summary:
An EC2 instance runn

DEBUG CONSOLE

```
git add .
PS C:\Users\DEEPAK MAURYA\Desktop
On branch main
Your branch is ahead of 'origin'
(use "git push" to publish)

Changes to be committed:
(use "git restore --staged <
new file: episode-11

PS C:\Users\DEEPAK MAURYA\Desktop
* History restored

PS C:\Users\DEEPAK MAURYA\Desktop
```

Live Share Select Postgres

The screenshot shows a laptop screen with a dark-themed desktop background featuring a traditional Indian patterned rug. A Microsoft Visual Studio Code (VS Code) window is open, displaying a Node.js project structure and code.

File Explorer:

- OPEN EDITORS:
 - episode-11 > JS httpServer.js > ...
 - JS event-loop-4.js...
 - JS event-loop-5.js...
 - episode-09.pdf...
 - file.txt episode-09
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Code Editor:

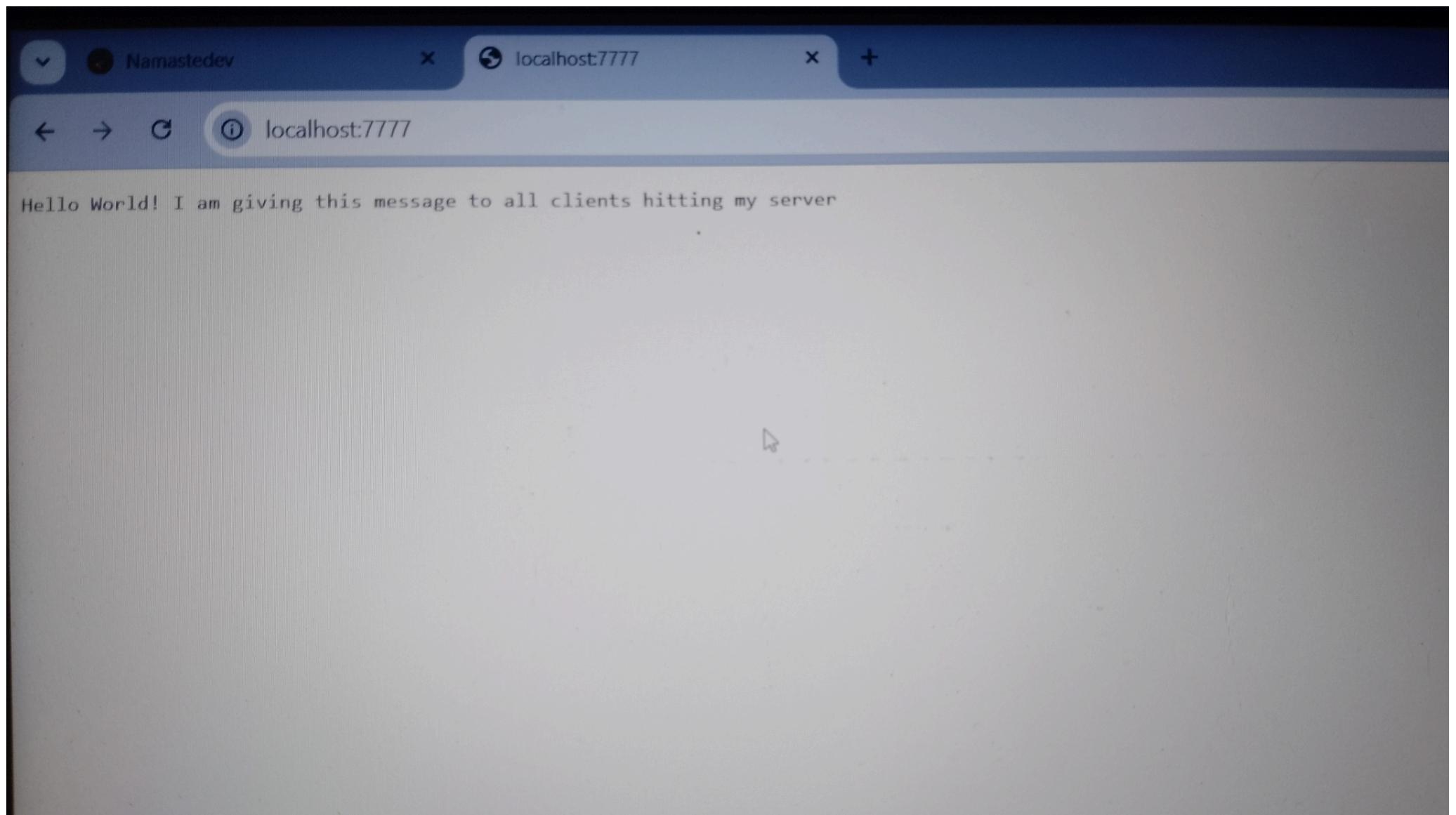
```
episode-11 > JS httpServer.js > ...
1 // nodejs http module gives us access
2 //to a function createServer
3 // which allows us to create a server
4 // once I create a server
5 // now I can listen Incoming request|
6
7 const http=require('http');
8 const server=http.createServer(function (req,res){
9
10
11 res.end("Hello World! I am giving this message coz many clients hitting my server")
12 });
13
14
15 server.listen(7777);
```

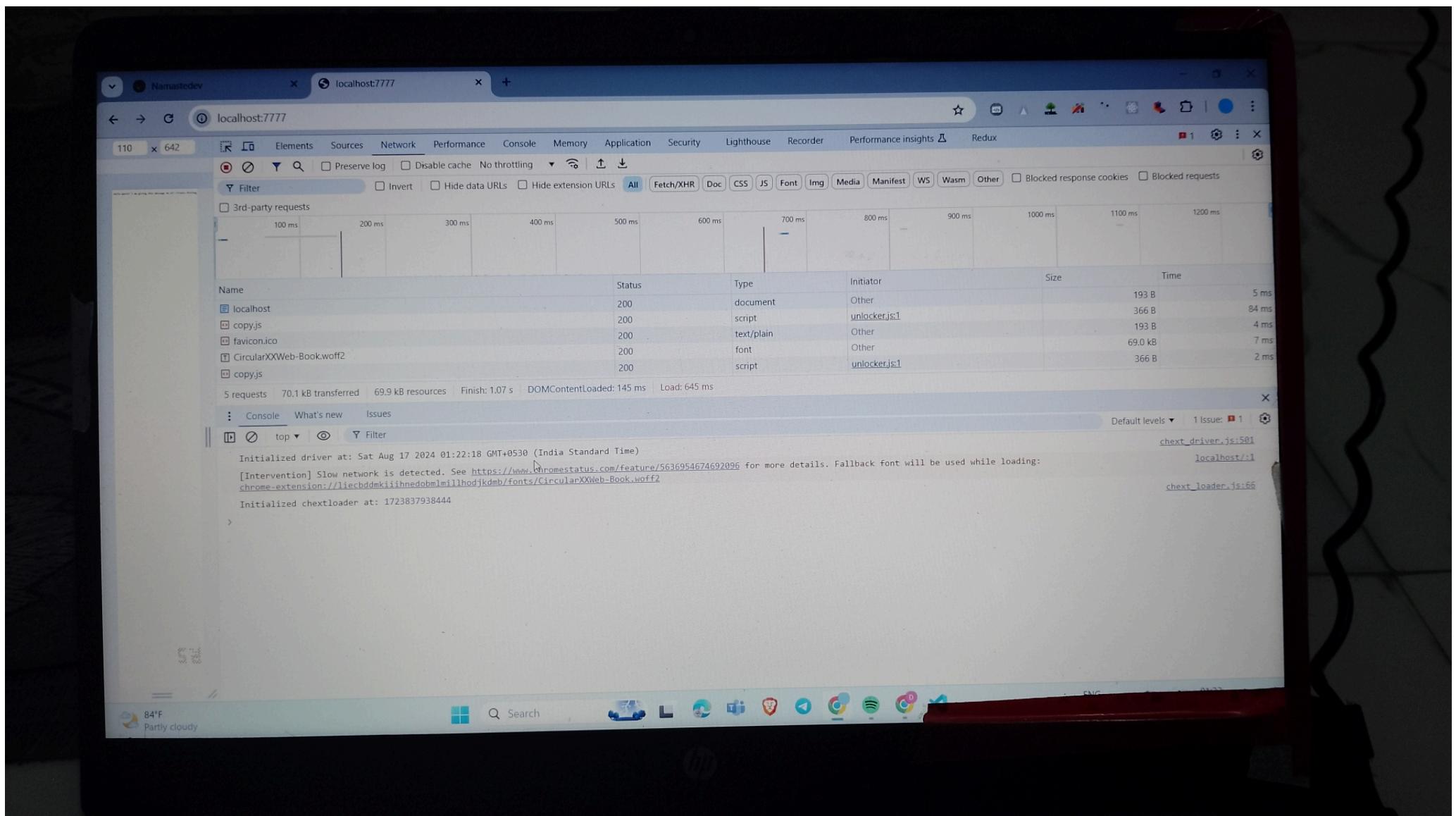
Terminal:

```
\episode-11.js*
at Module._resolveFilename (node:internal/modules/cjs/loader:1142:15)
at Module._load (node:internal/modules/cjs/loader:983:27)
at Function.executeUserEntryPoint [as runMain] (node:internal/modules/run_main:142:12)
at node:internal/main/run_main_module:28:49 {
  code: 'MODULE_NOT_FOUND',
  requireStack: []
}

Node.js v21.7.1
PS C:\Users\DEEPAK MAURYA\Desktop\NamasteNodeJs> cd episode-11
PS C:\Users\DEEPAK MAURYA\Desktop\NamasteNodeJs\episode-11> node httpServer.js
```

Bottom status bar: Ln 5, Col 38 Spaces: 4 UTF-8 CRLF





Name

Name	Headers	Preview	Response	Initiator	Timing	Cookies
localhost						
copy.js						
favicon.ico						
CircularXXWeb-Book.woff2						
copy.js						

Request URL: http://localhost:7777/
Request Method: GET
Status Code: 200 OK
Remote Address: [::1]:7777
Referrer Policy: strict-origin-when-cross-origin

5 requests | 70.1 kB transferred | 69.9 kB resource:

⋮ Console What's new Issues

⋮ ⚡ top ⌂ Filter

```
Initialized driver at: Sat Aug 17 2024 01:22:18 GMT+0530 (India Standard Time)
[Intervention] Slow network is detected. See https://www.chromestatus.com/feature/5636954674692096 for more details. Fallback font will be used while loading chrome-extension://liecbddmkiiihnedobmlmillhodjkdmf/fonts/CircularXXWeb-Book.woff2
Initialized chextloader at: 1723837938444
```

Study



The screenshot shows a Windows desktop environment with a browser window open. The browser's developer tools Network tab is active, displaying a list of requests made to 'localhost'. The requests include files like 'copy.js', 'favicon.ico', and 'CircularXXWeb-Book.woff2'. The 'Headers' tab is selected. Below the browser window, the Windows taskbar is visible, showing various pinned icons for apps like File Explorer, Edge, and Mail.

