



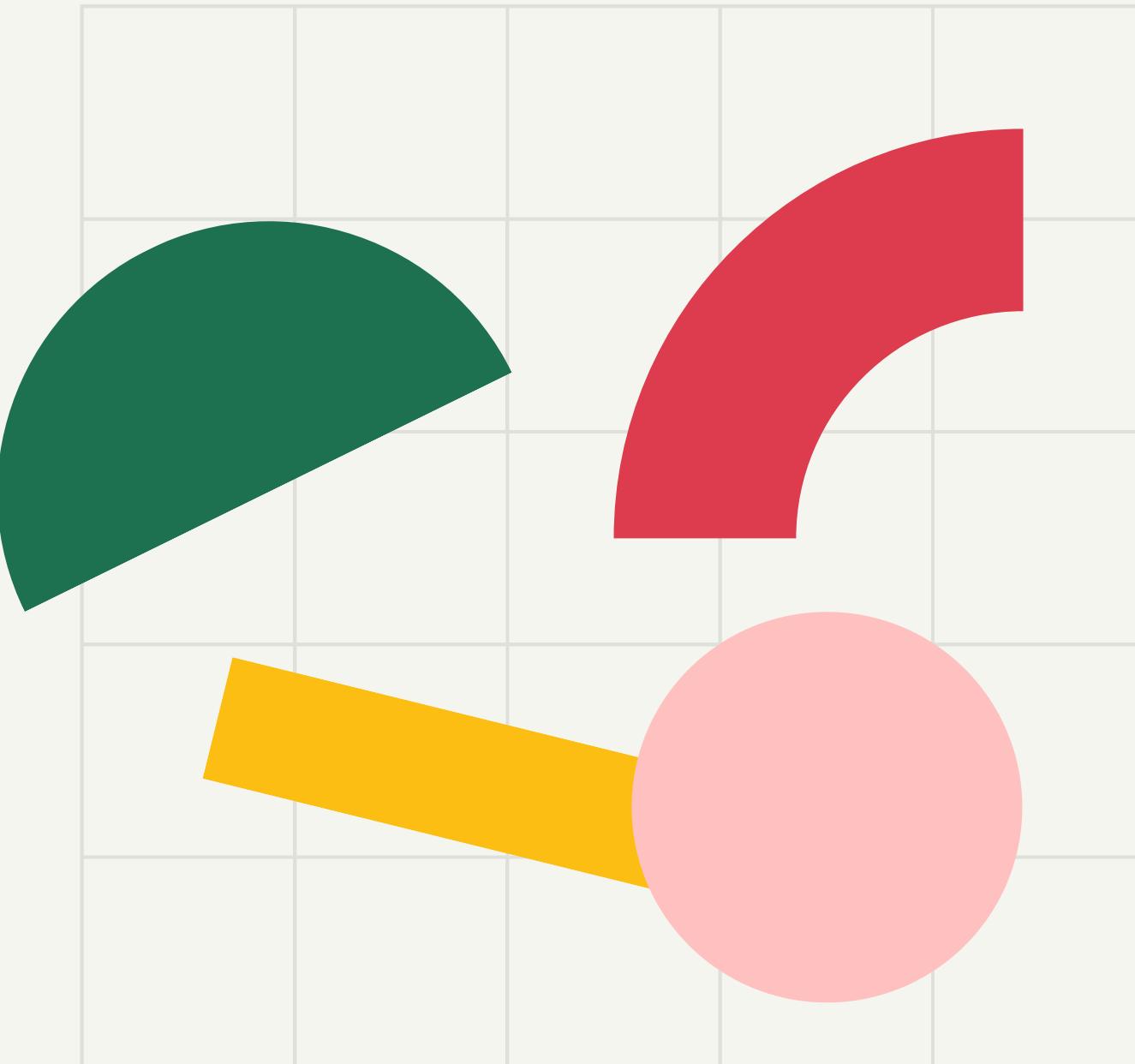
Intro to Web Dev

Course for Beginners

Unit Goals

what we'll cover

- What is the internet?
- The internet vs the web
- How does the web work?
- What are HTTP requests?
- What is a web server?
- Front-end vs back-end
- Environment Setup
- What are HTML, CSS & JS?
- What do they do?

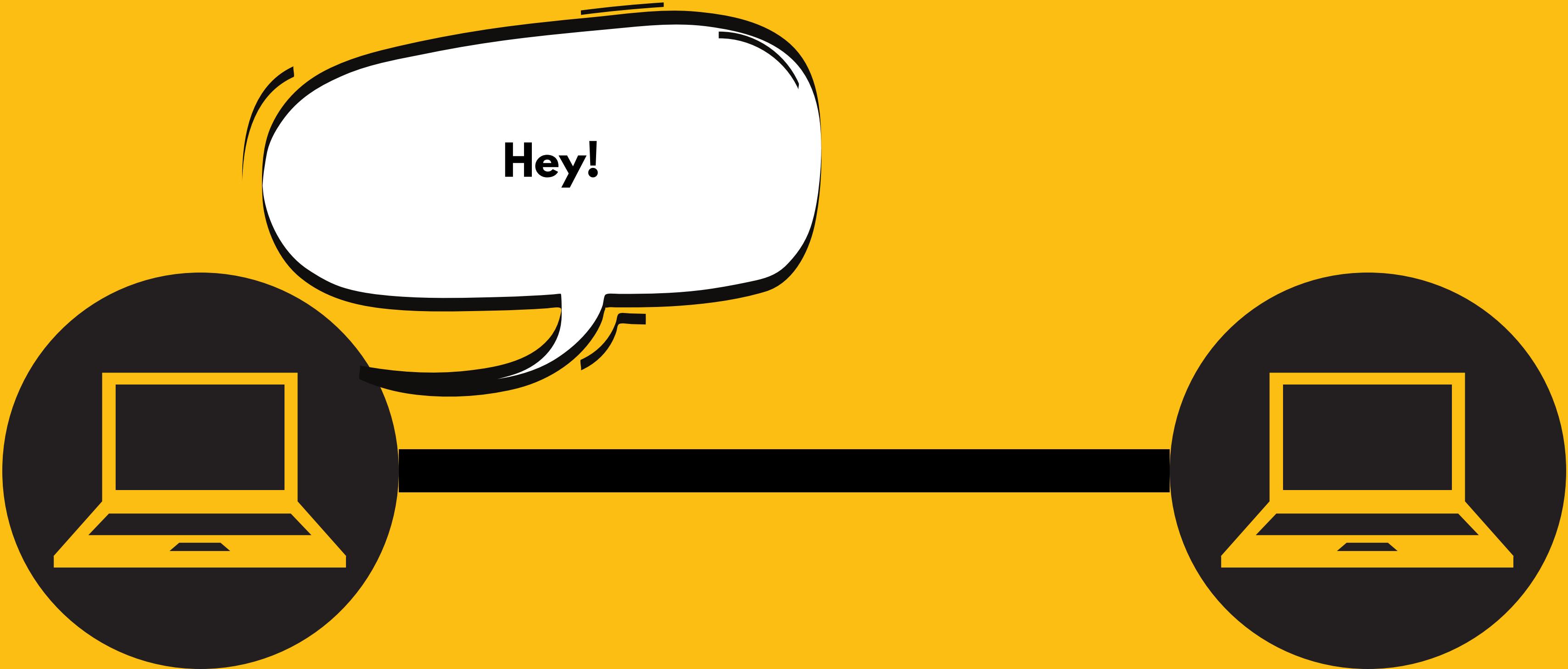


The Internet

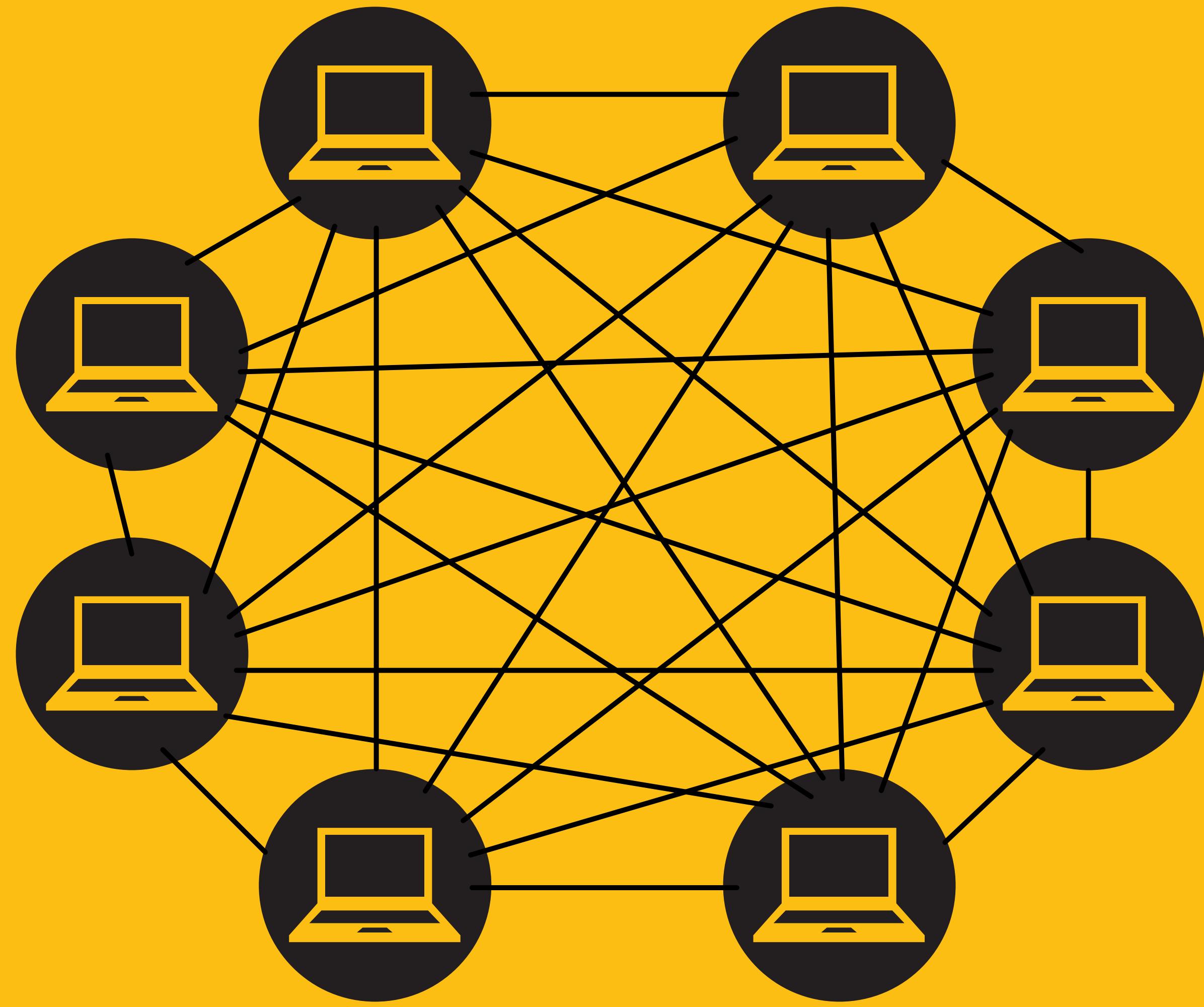
A global network of networks

(a bunch of connected computers)

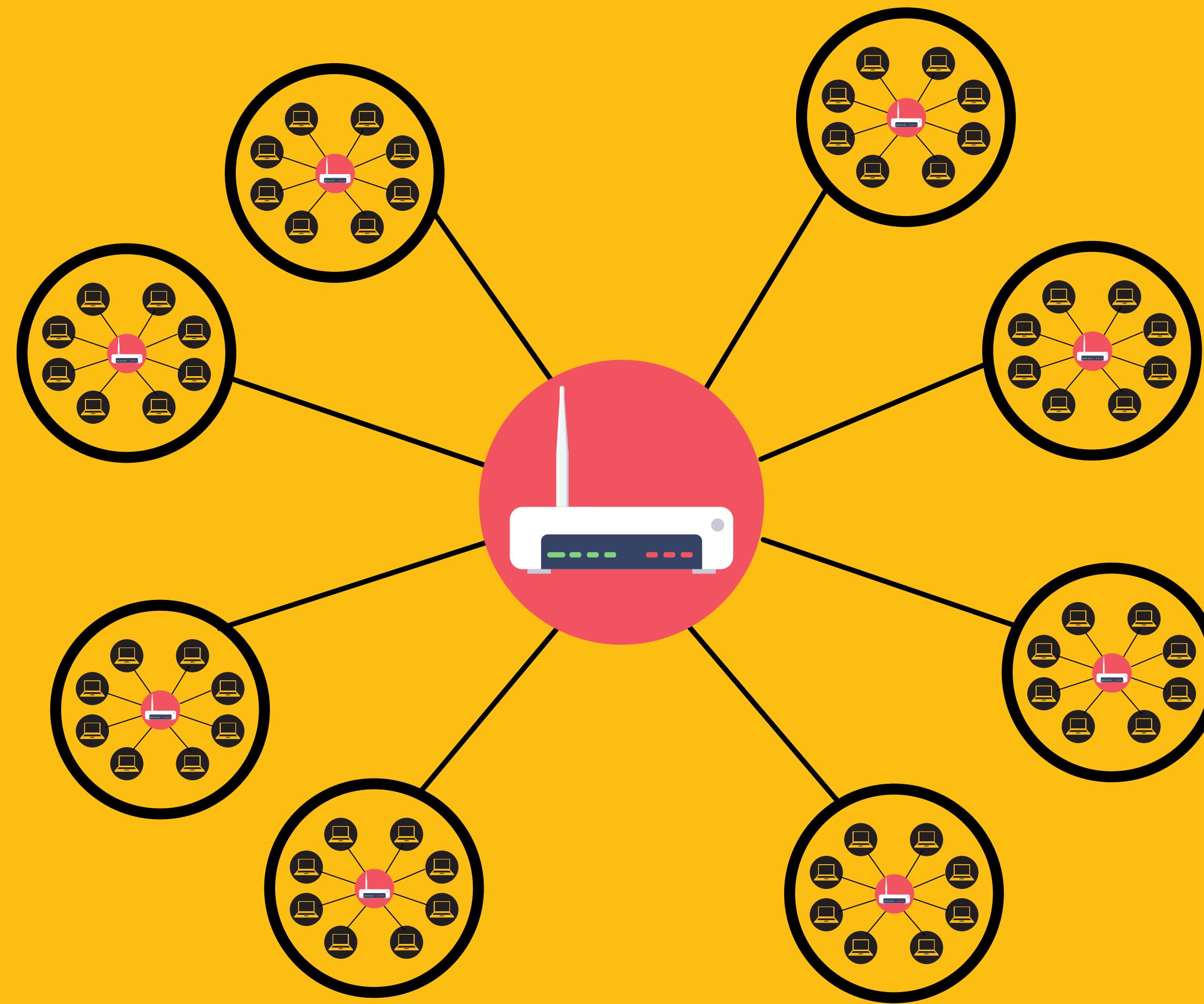


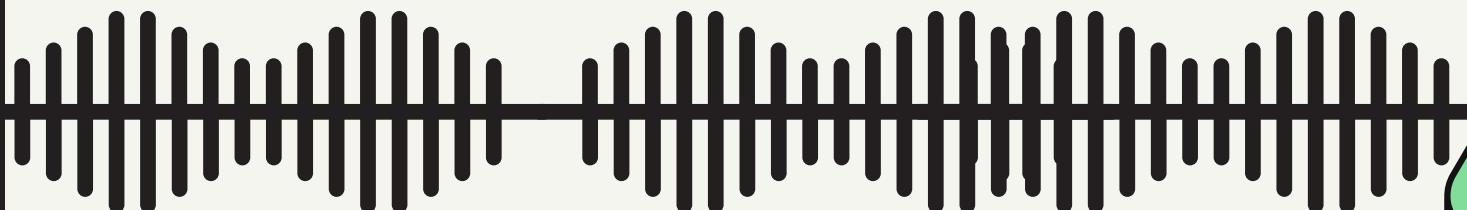
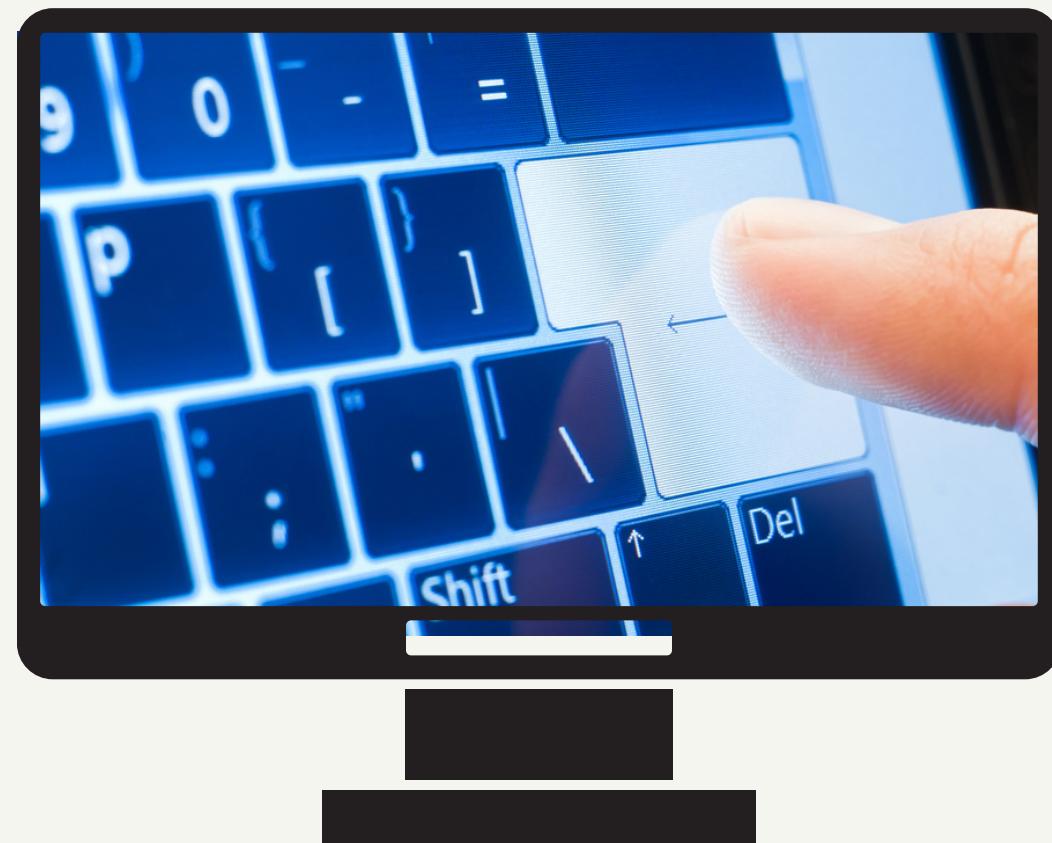


Hey!

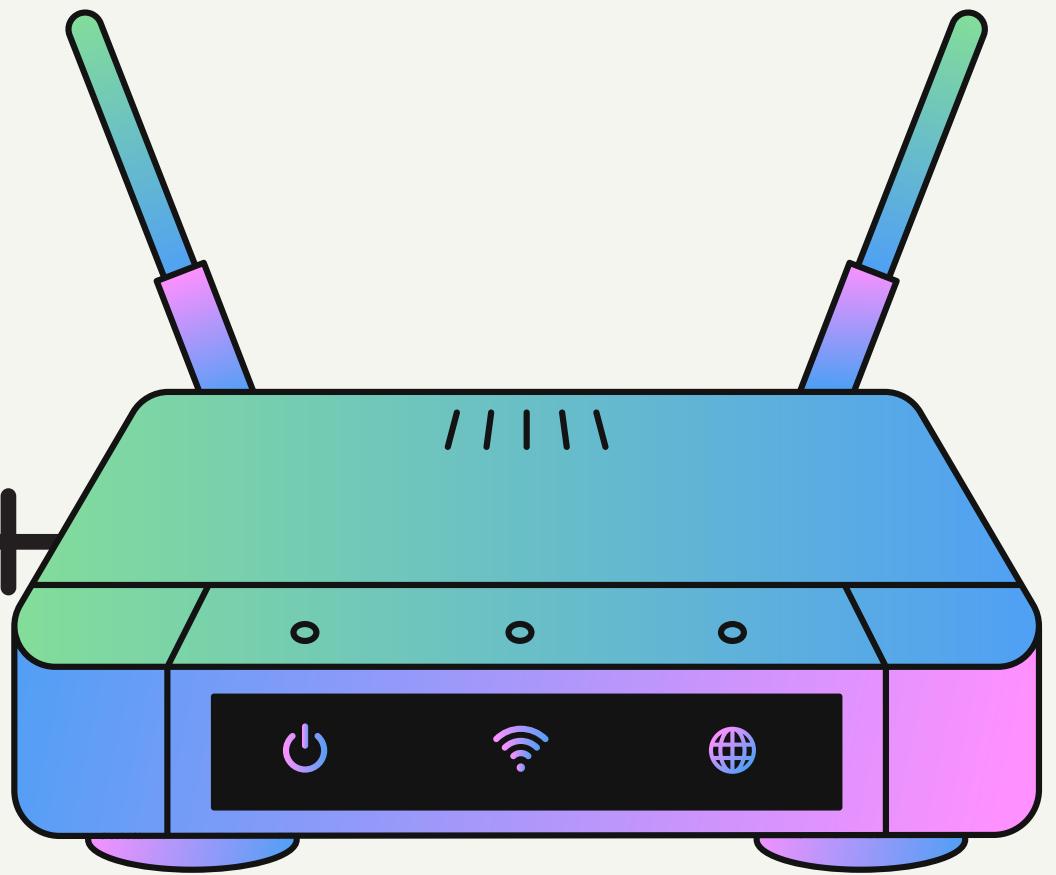






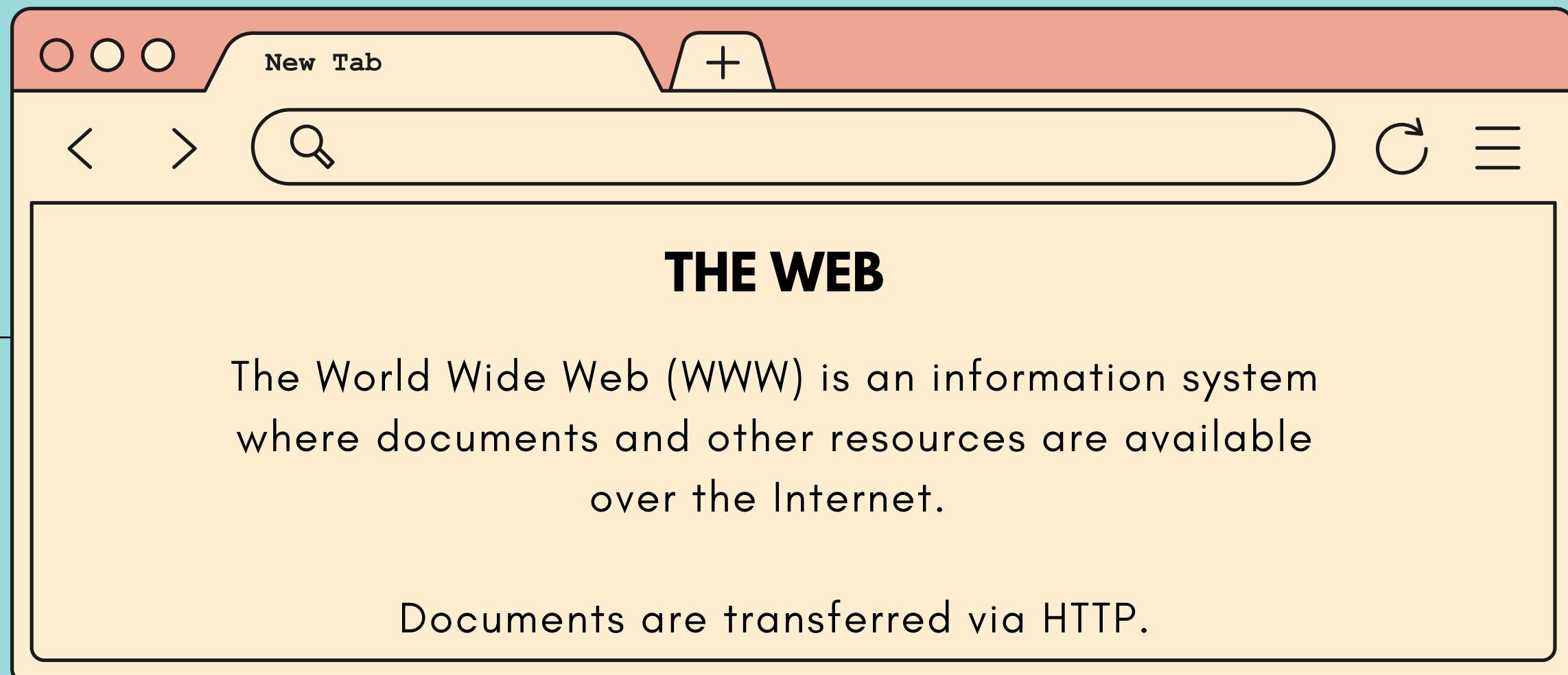
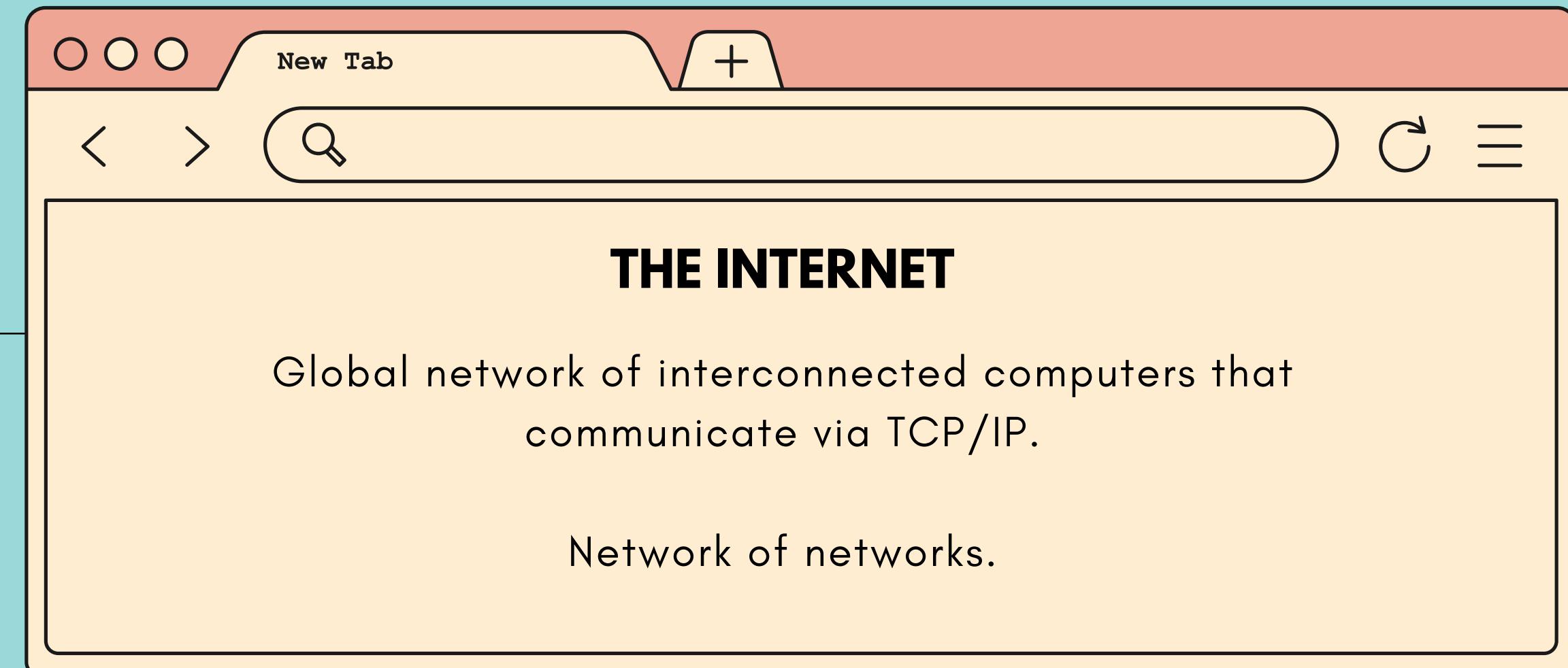


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The internet is the infrastructure that carries things like:

- **email**
- **the web**
- **file sharing**
- **online gaming**
- **streaming services**

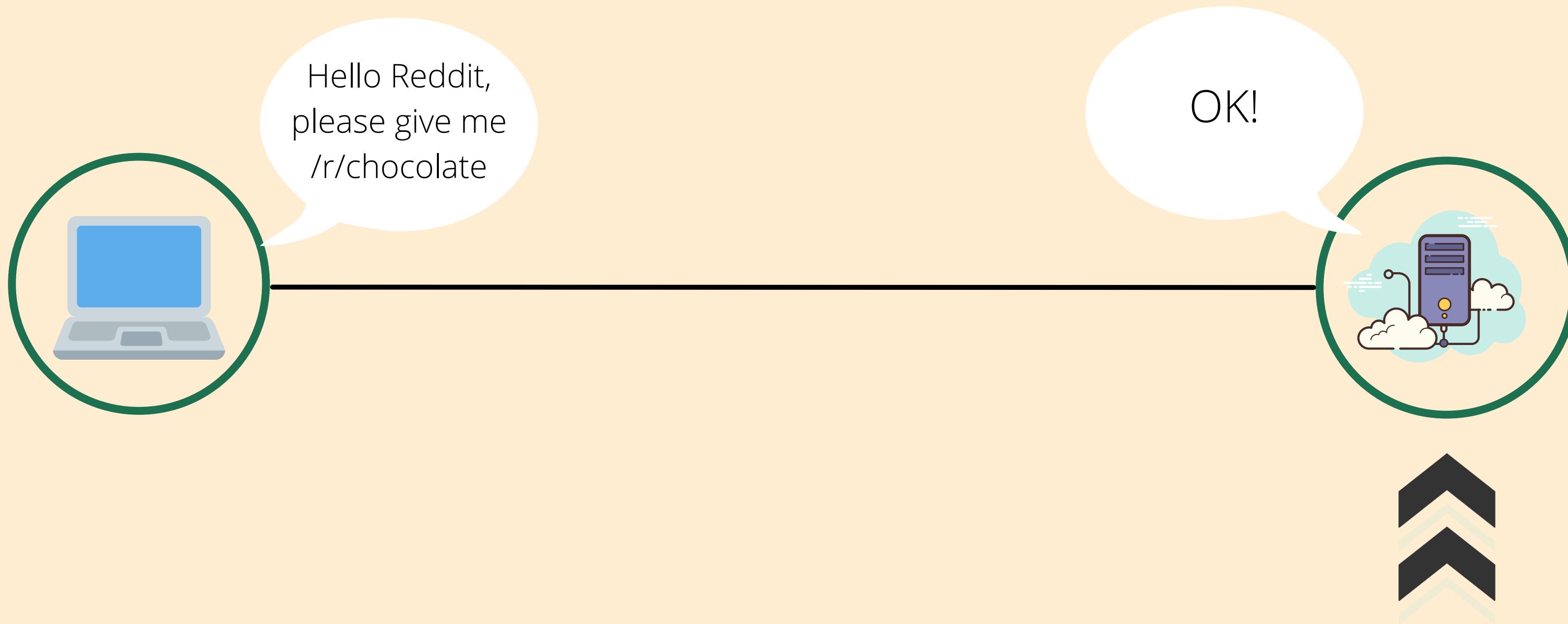


HTTP REQUESTS

- **Hyper Text Transfer Protocol**
- foundation of communication to the World Wide Web
- Request: *I would like this information, please*
- Response: *Ok, here you go!*

WEB SERVER

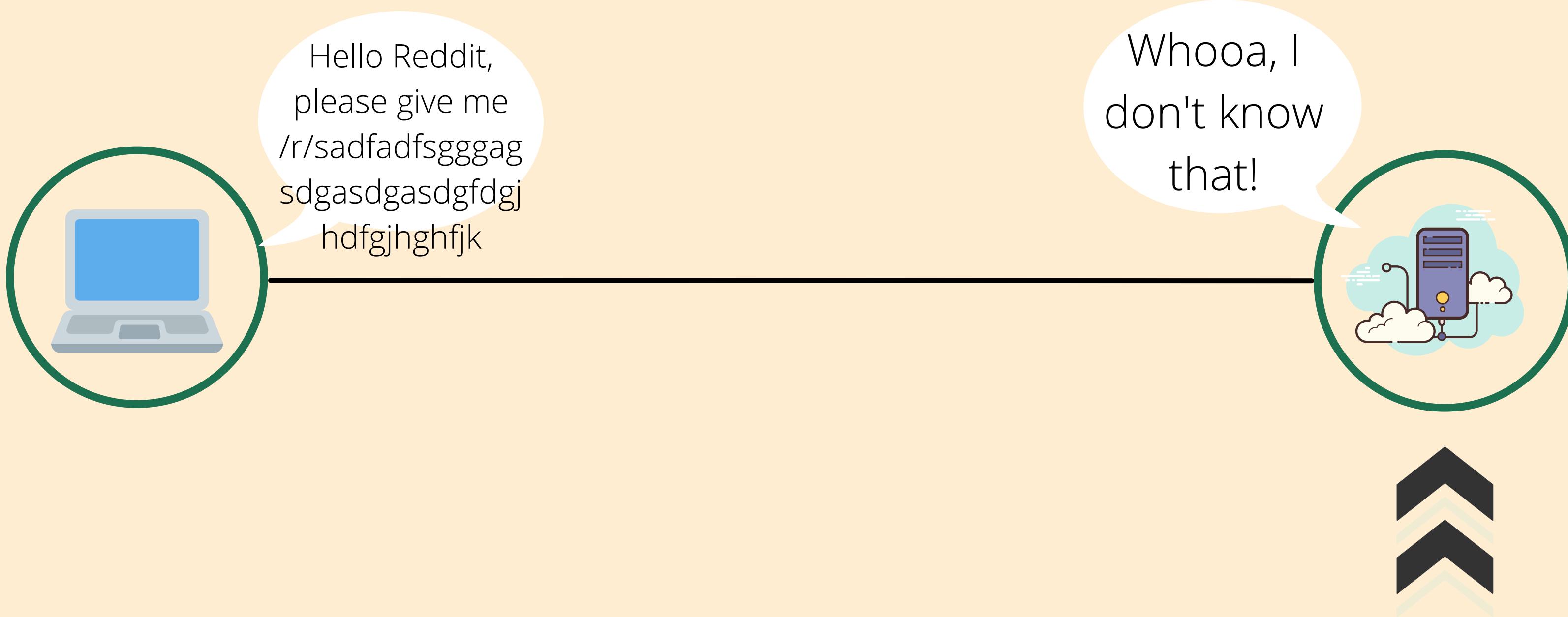
A computer* that can satisfy requests on the web.



*"server" is also used to refer to software running on the computer

WEB SERVER

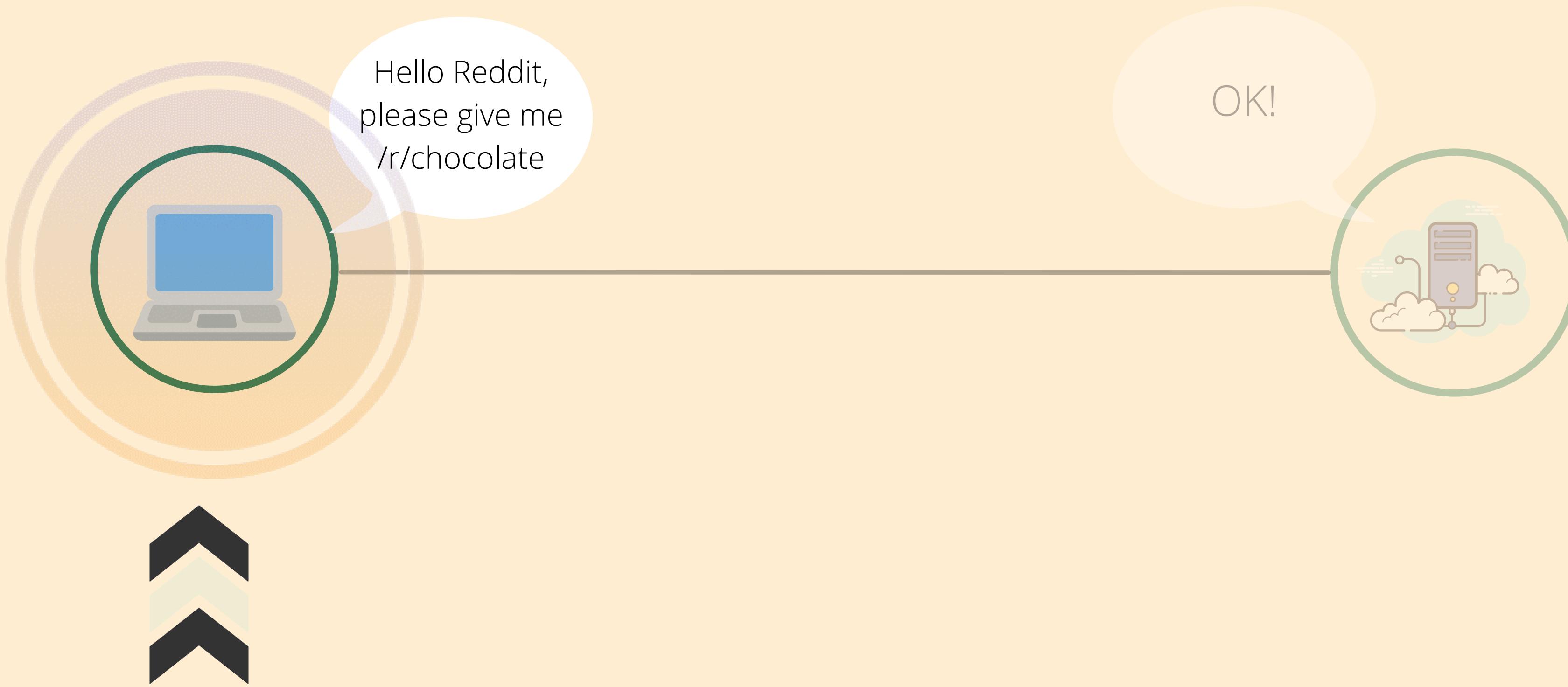
A computer* that can satisfy requests on the web.

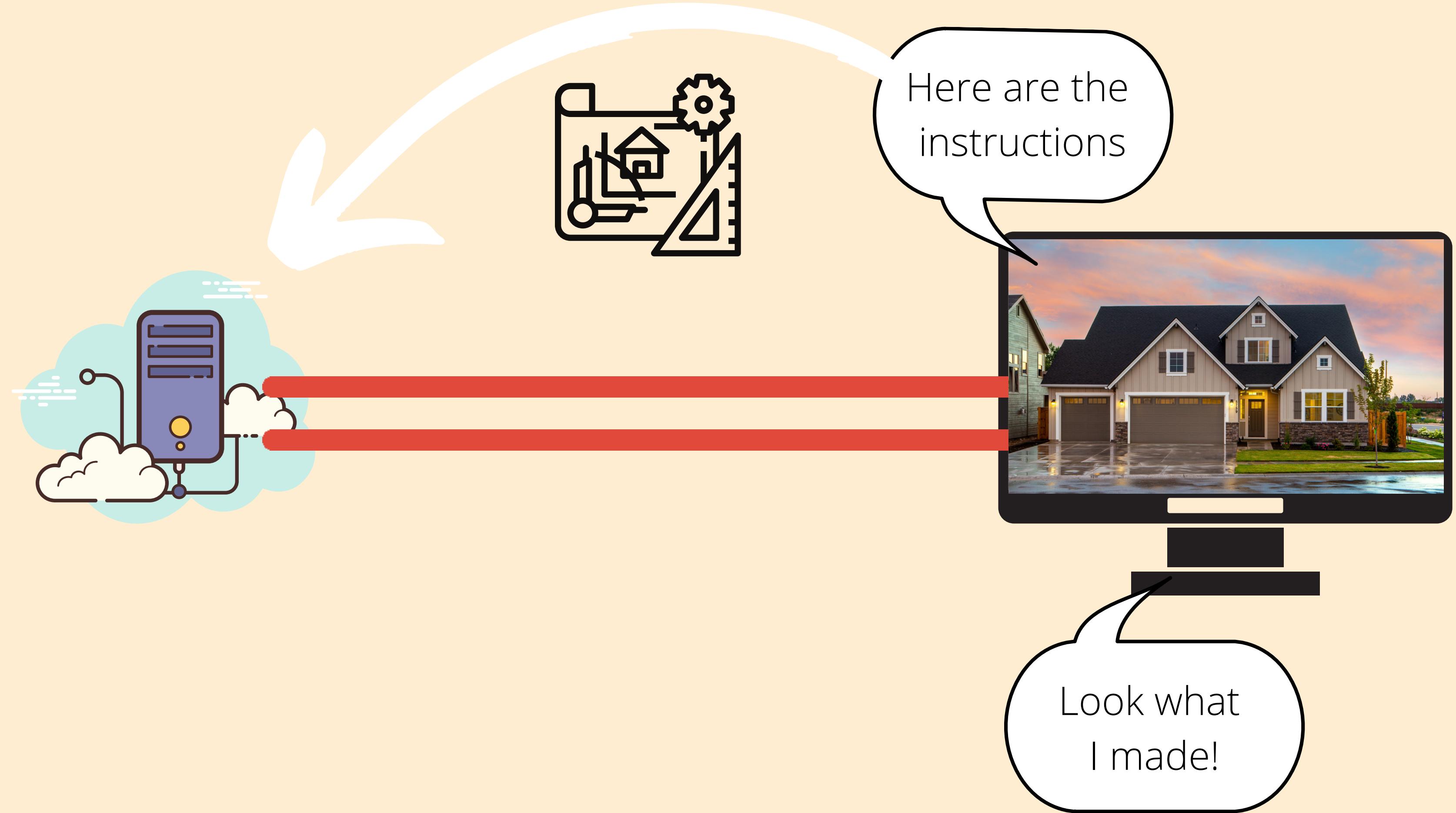


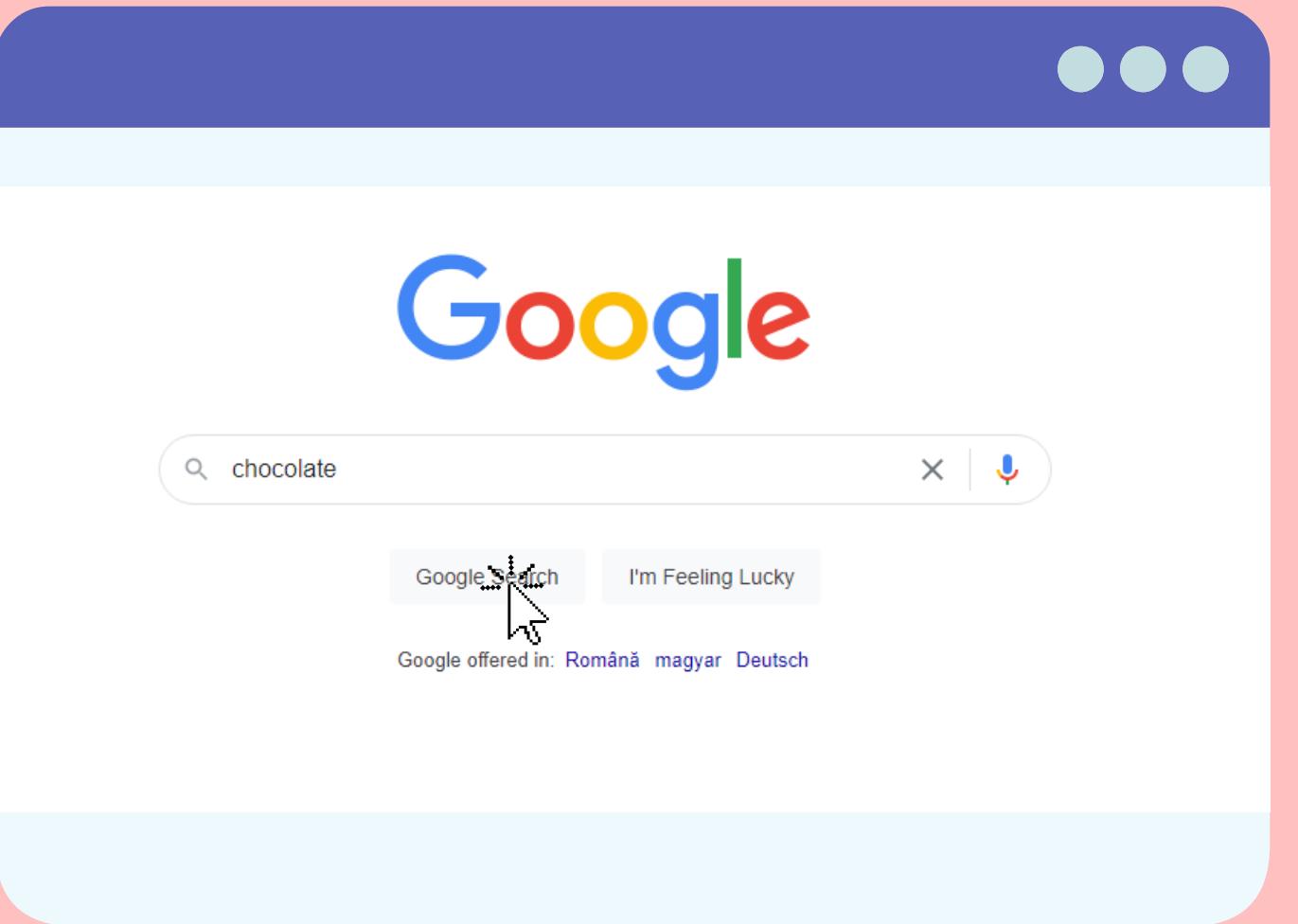
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CLIENT

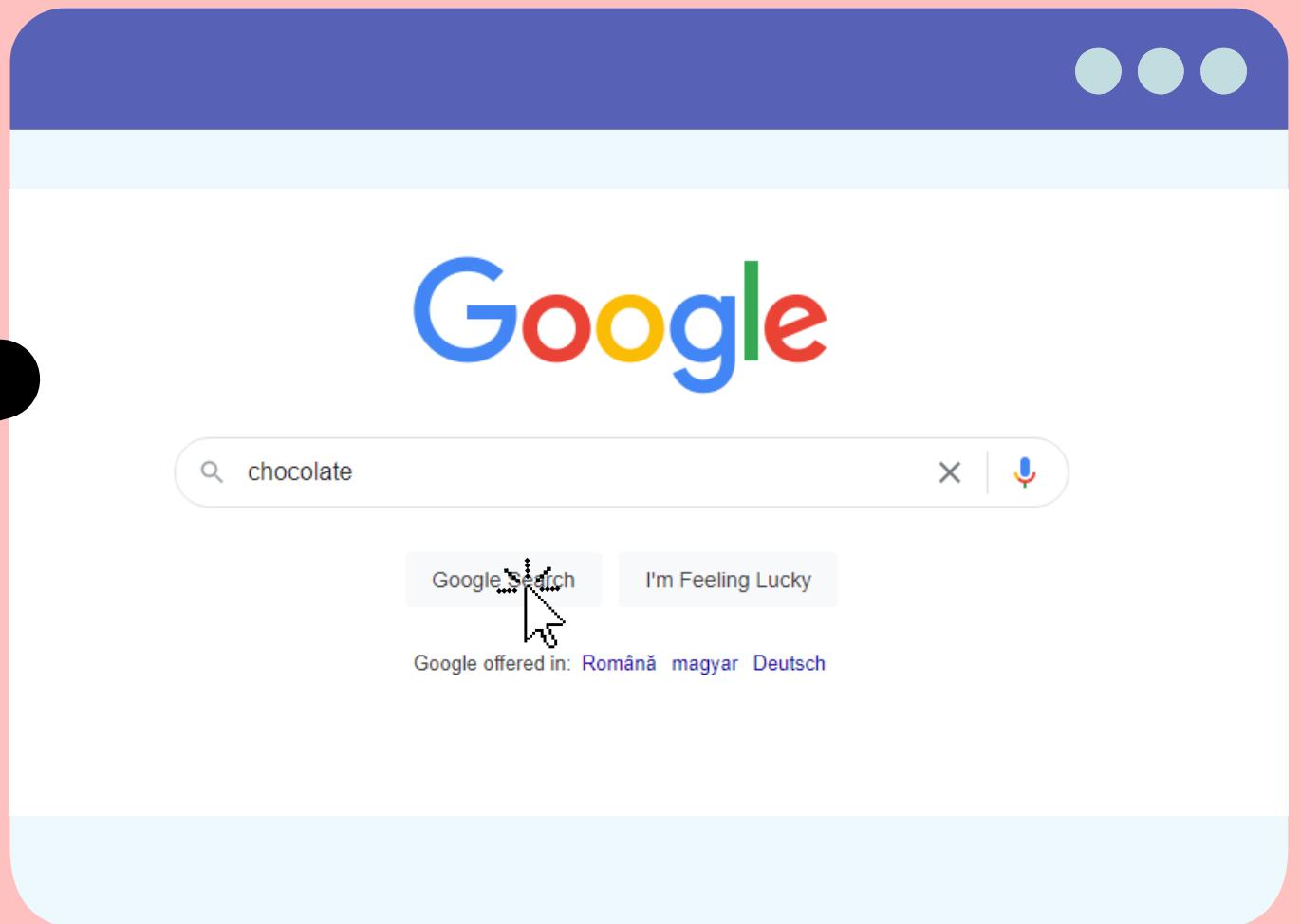
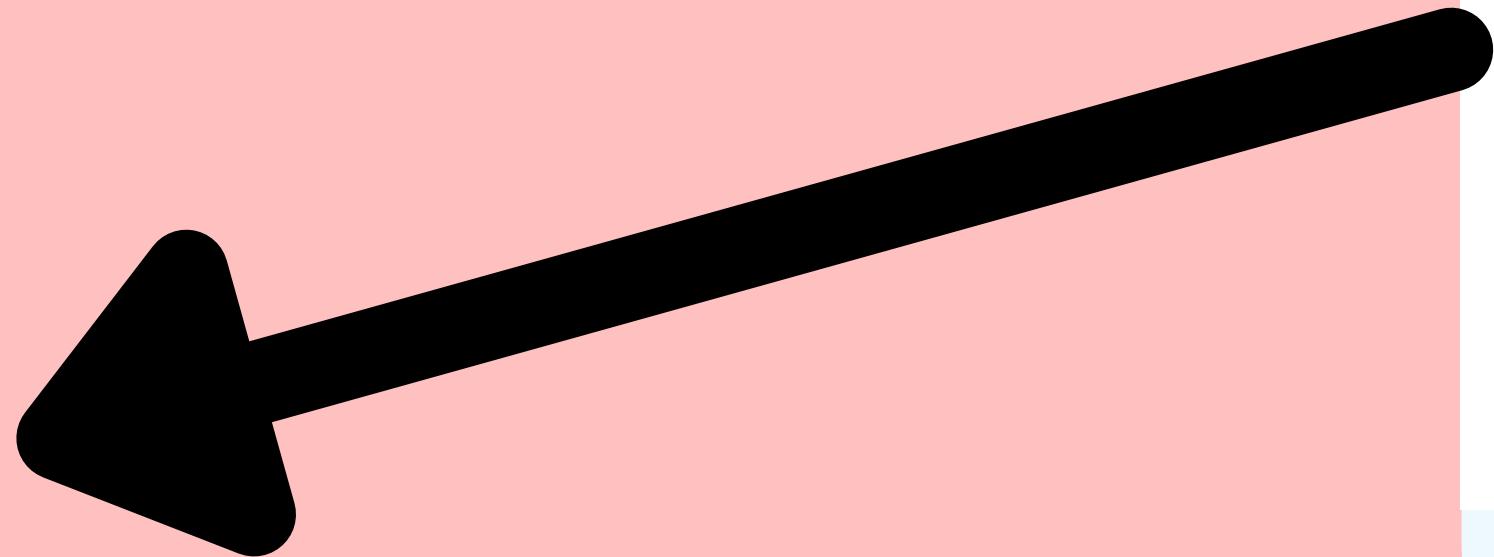
The computer that accesses a server



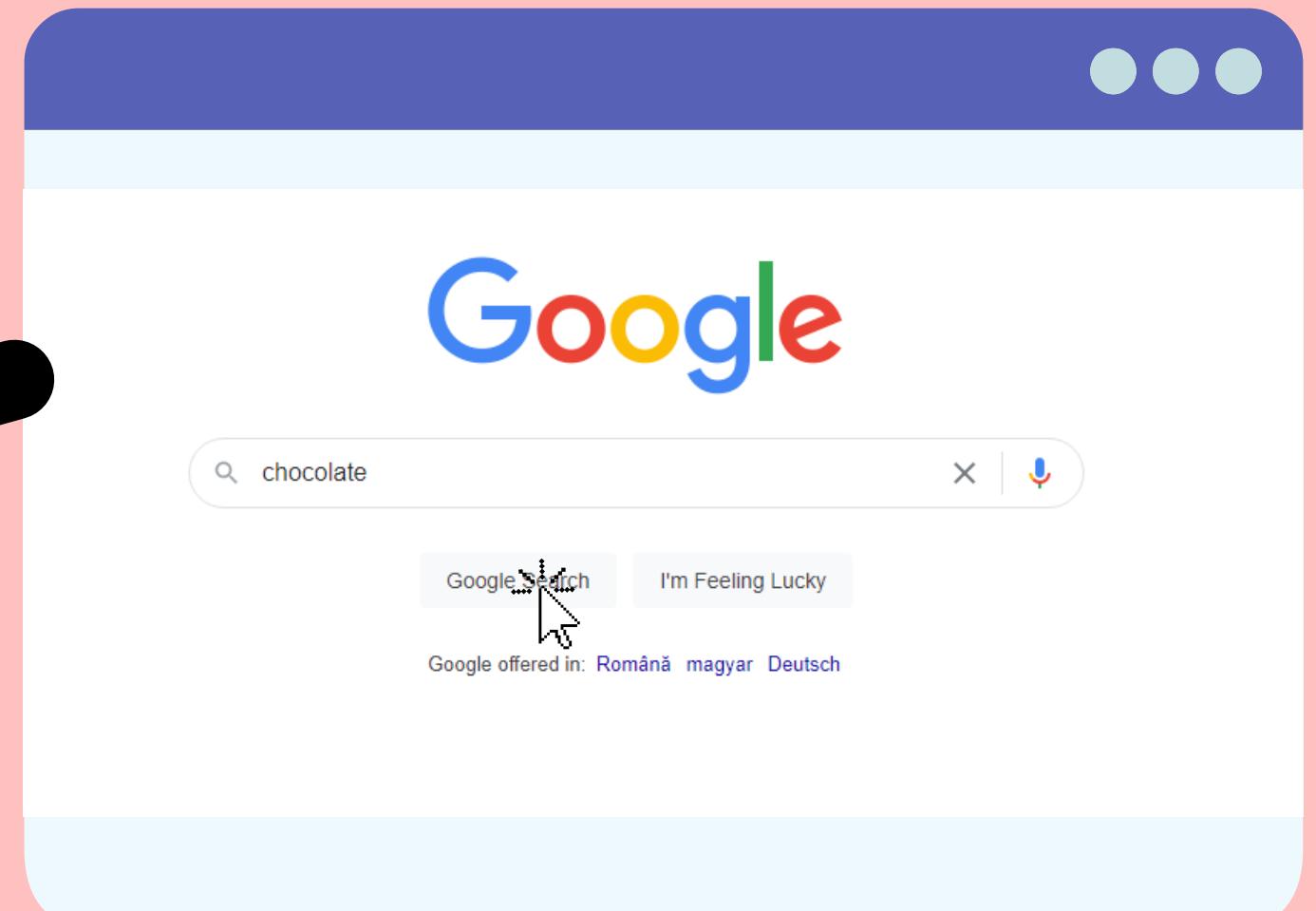




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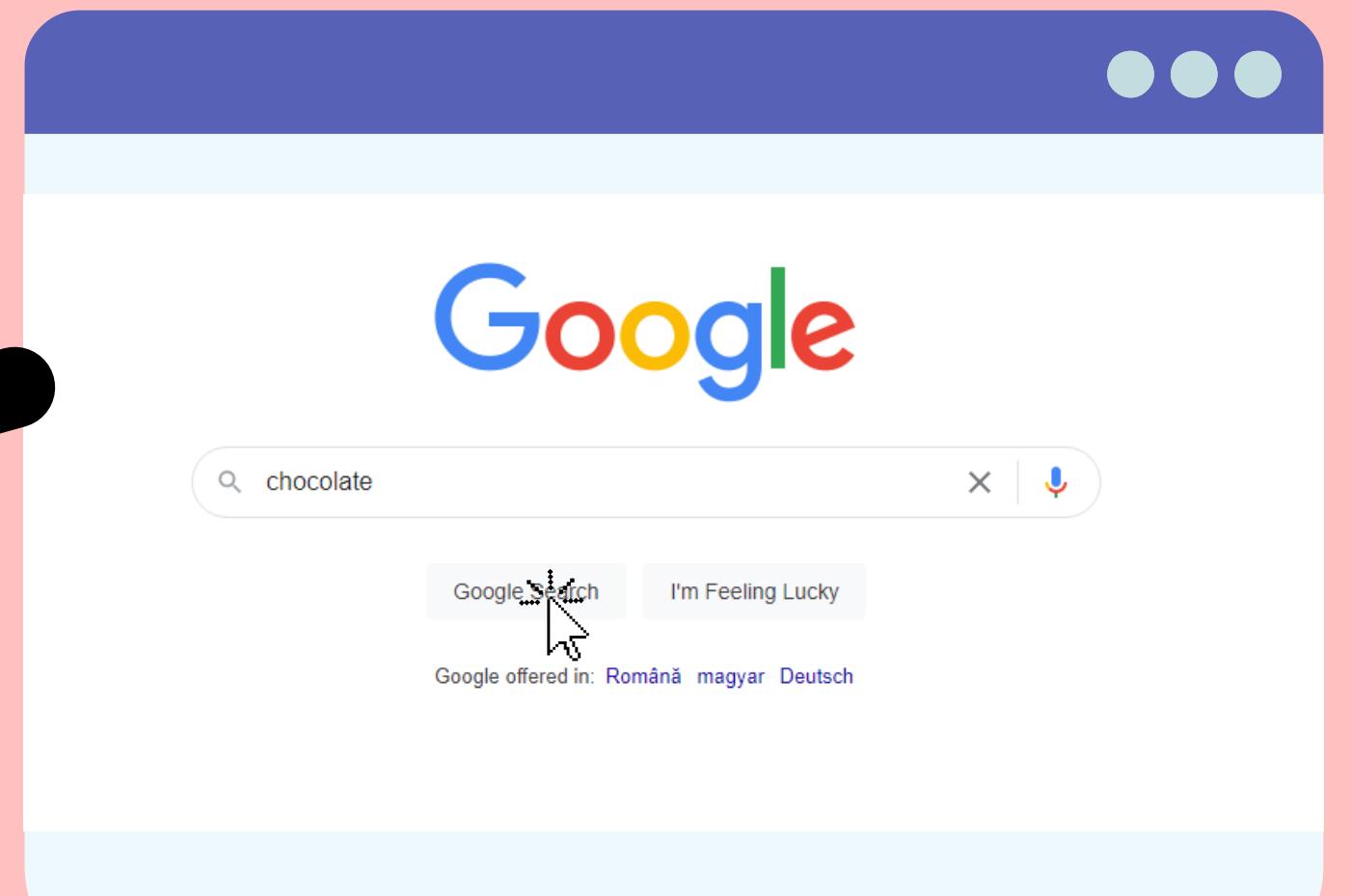
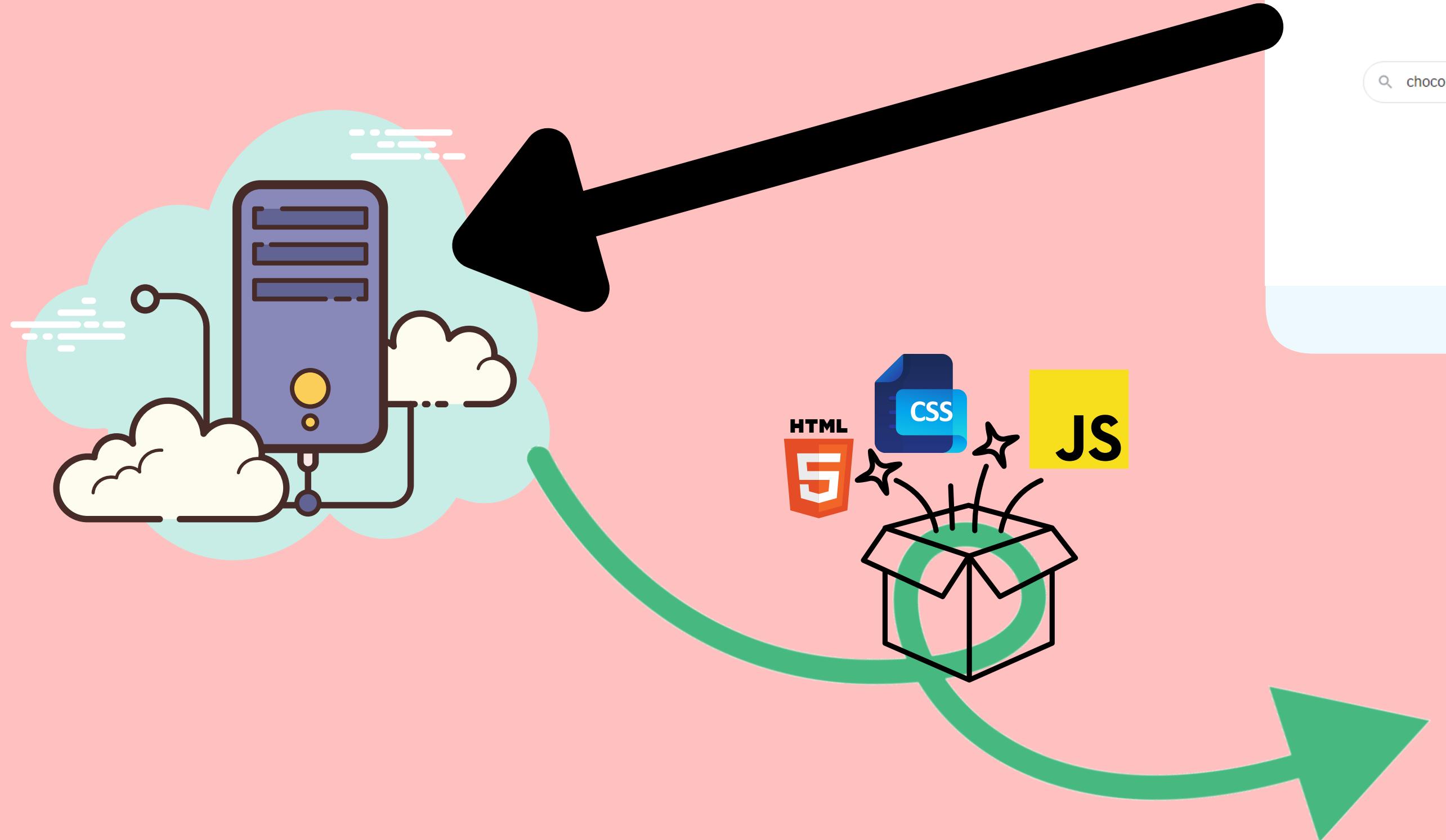


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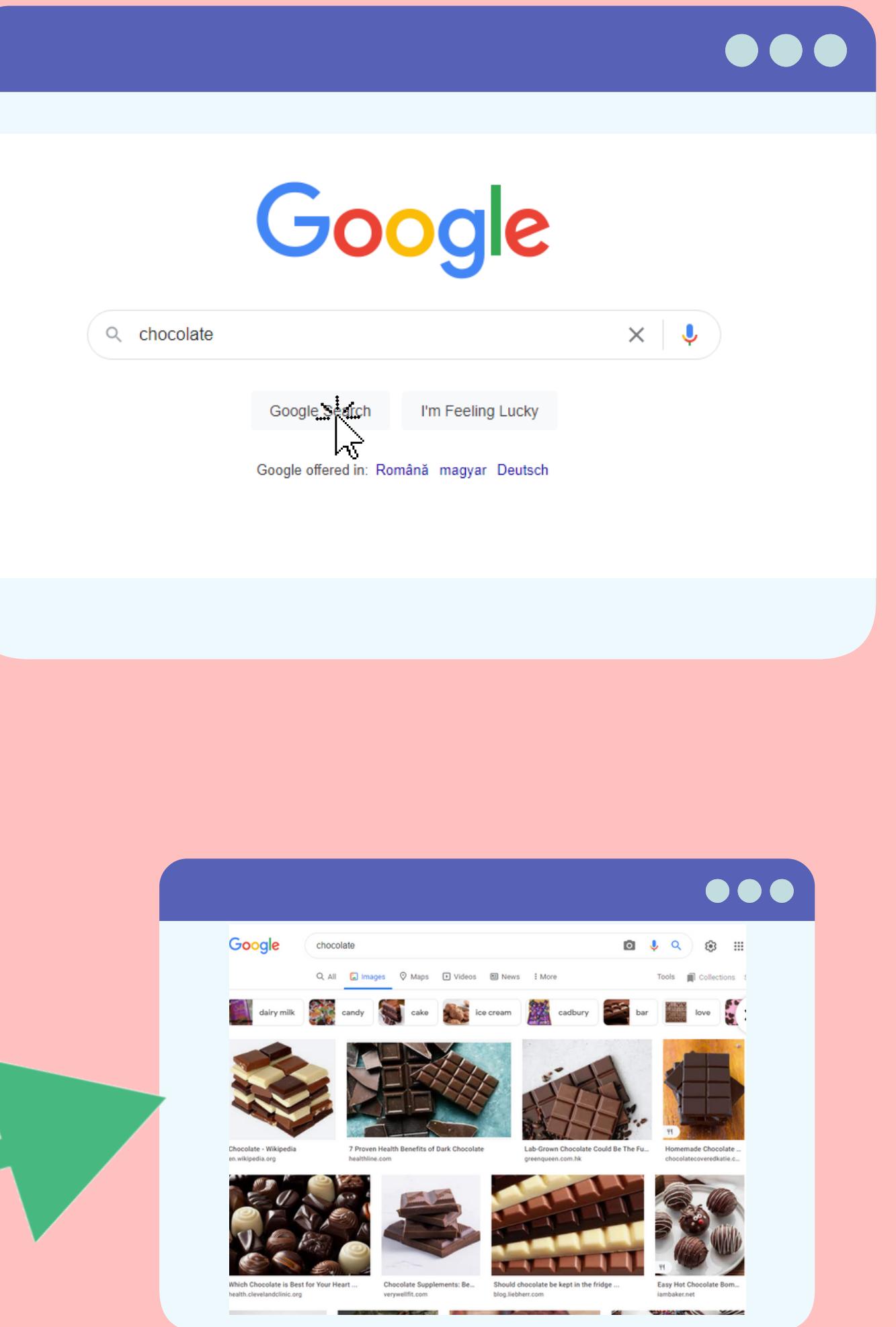
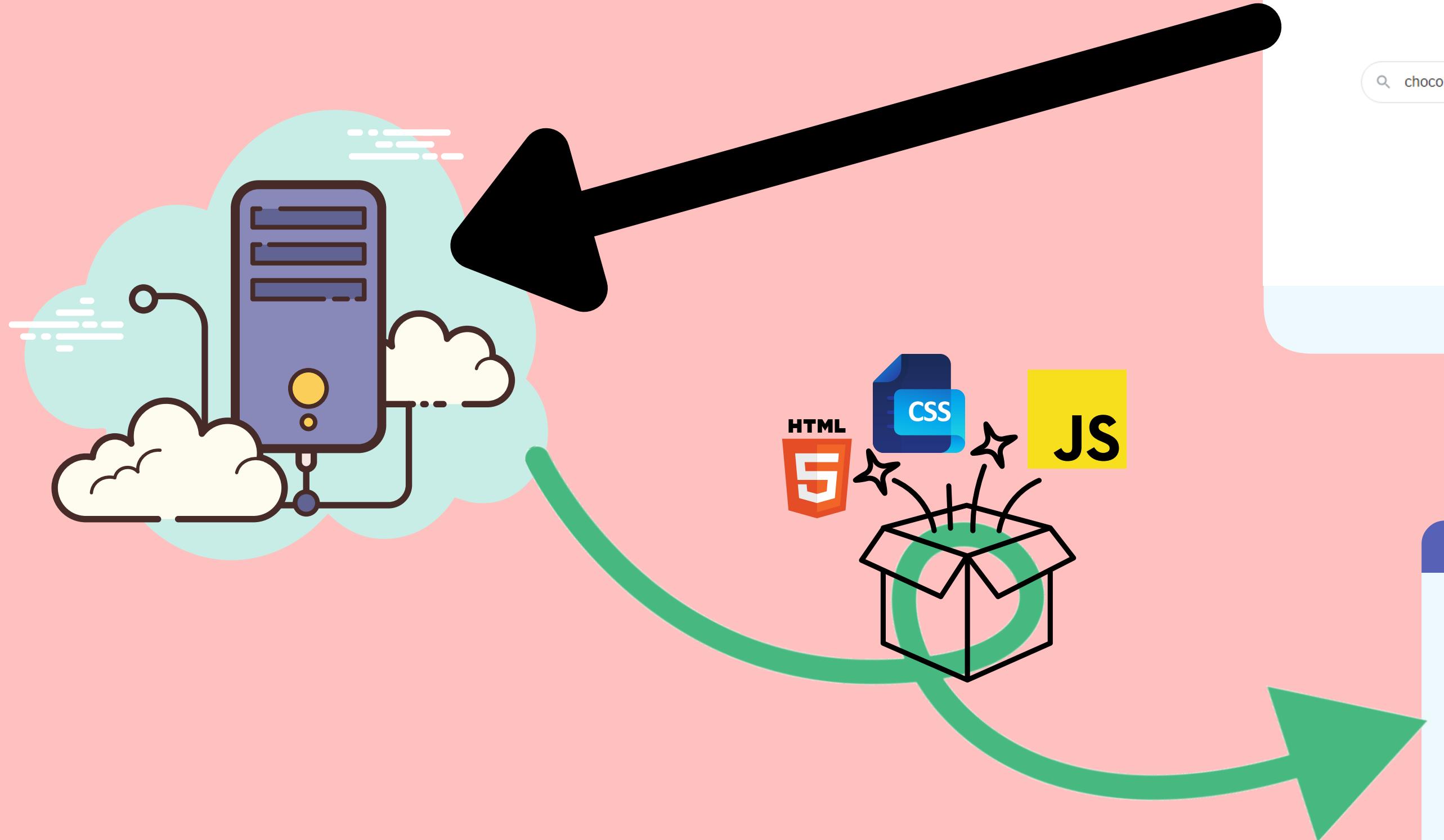
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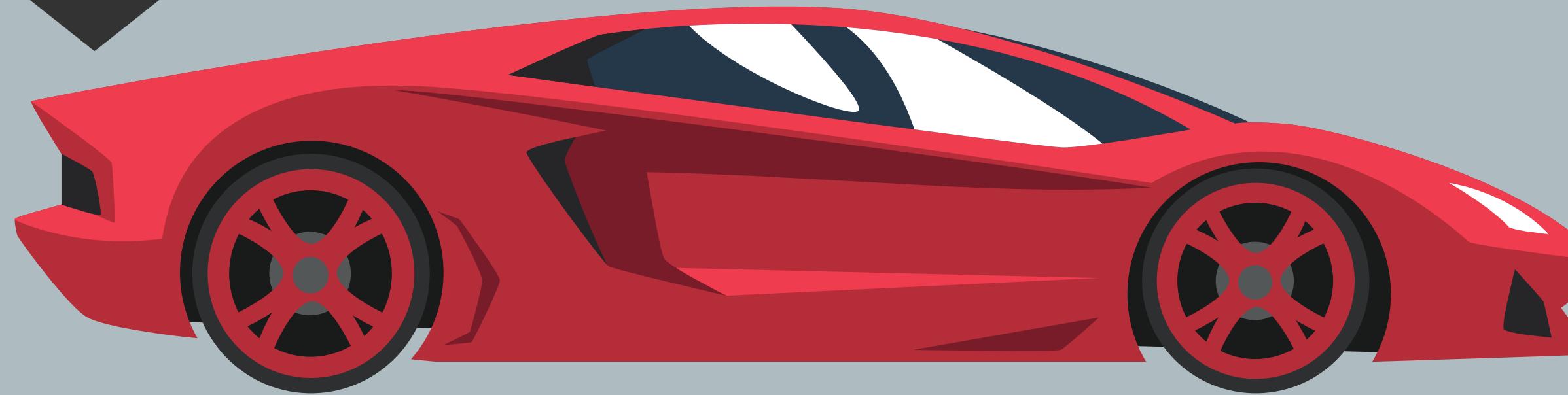


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BACK-END



FRONT-END



BACK-END

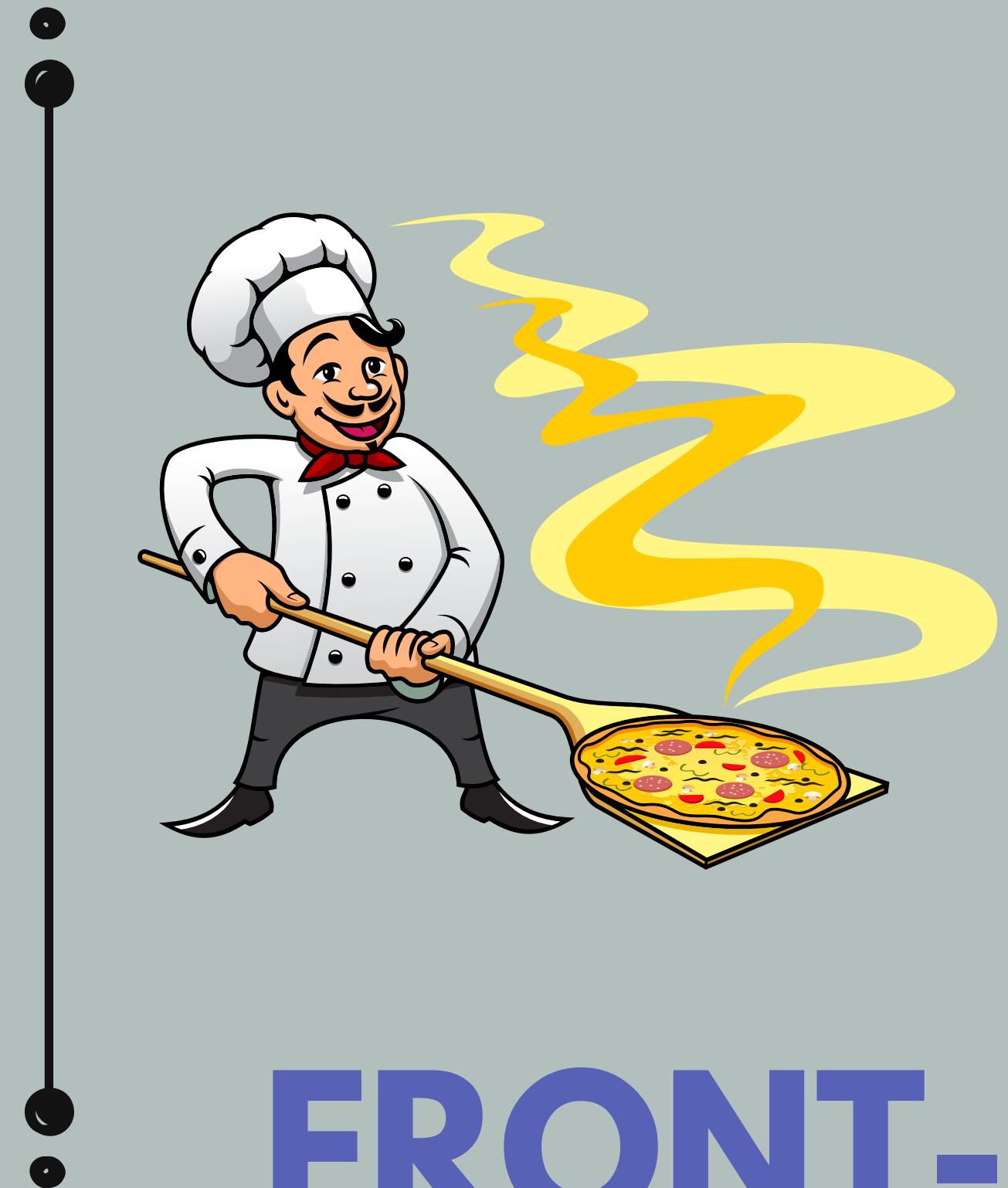


FRONT-END



BACK-END

RECEIVES ORDER AND ASSEMBLES
PIZZA

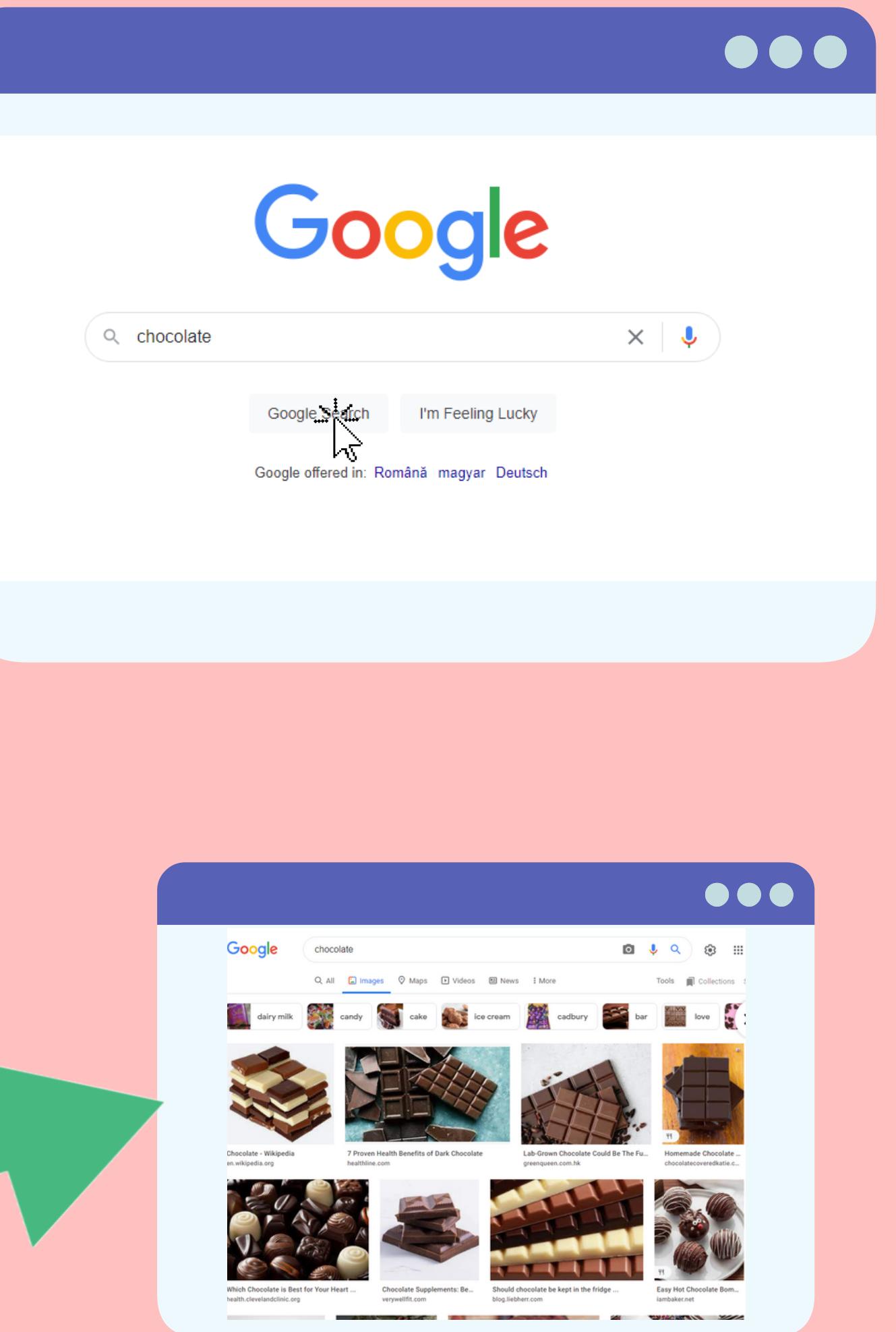
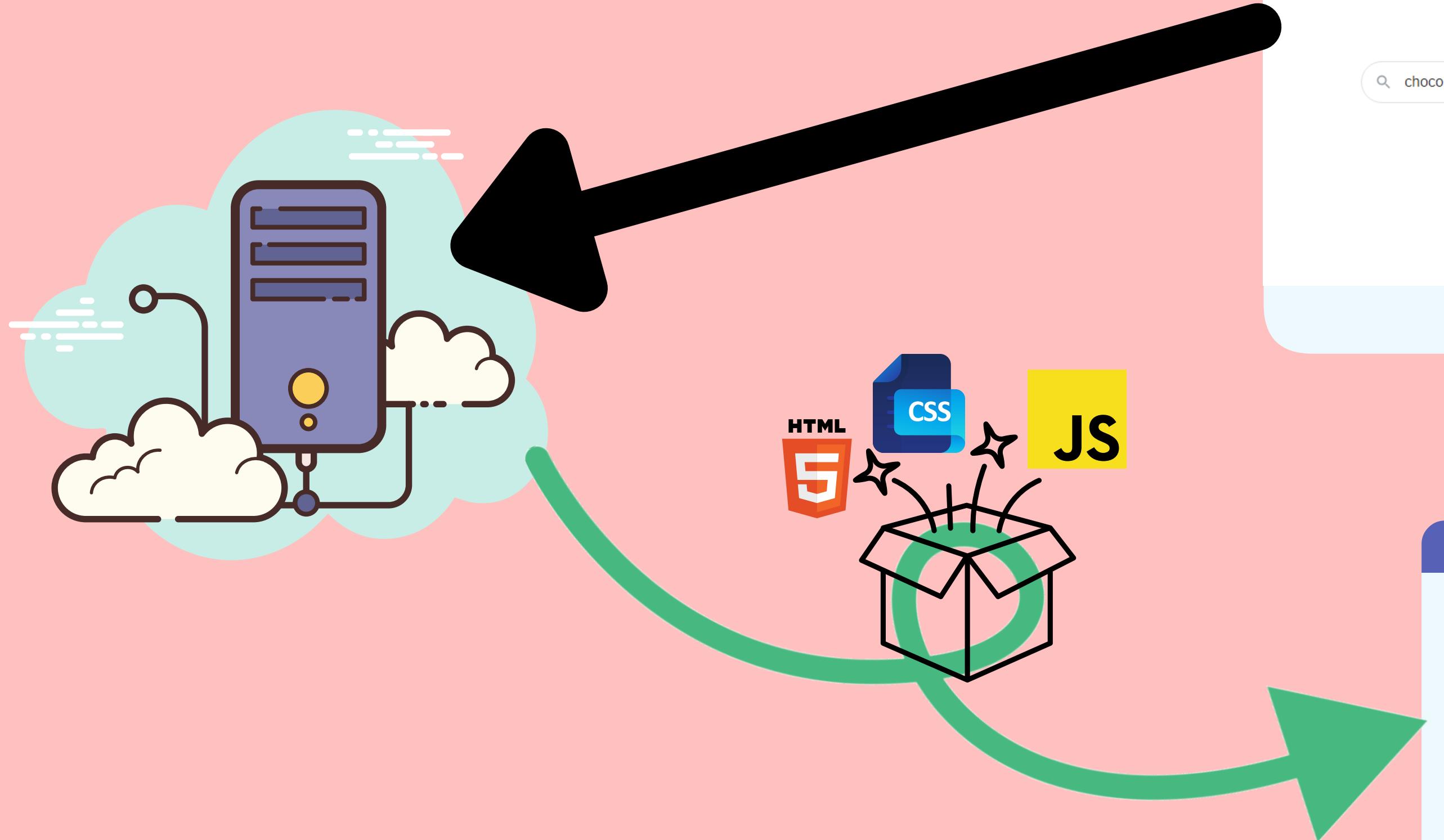


FRONT-END

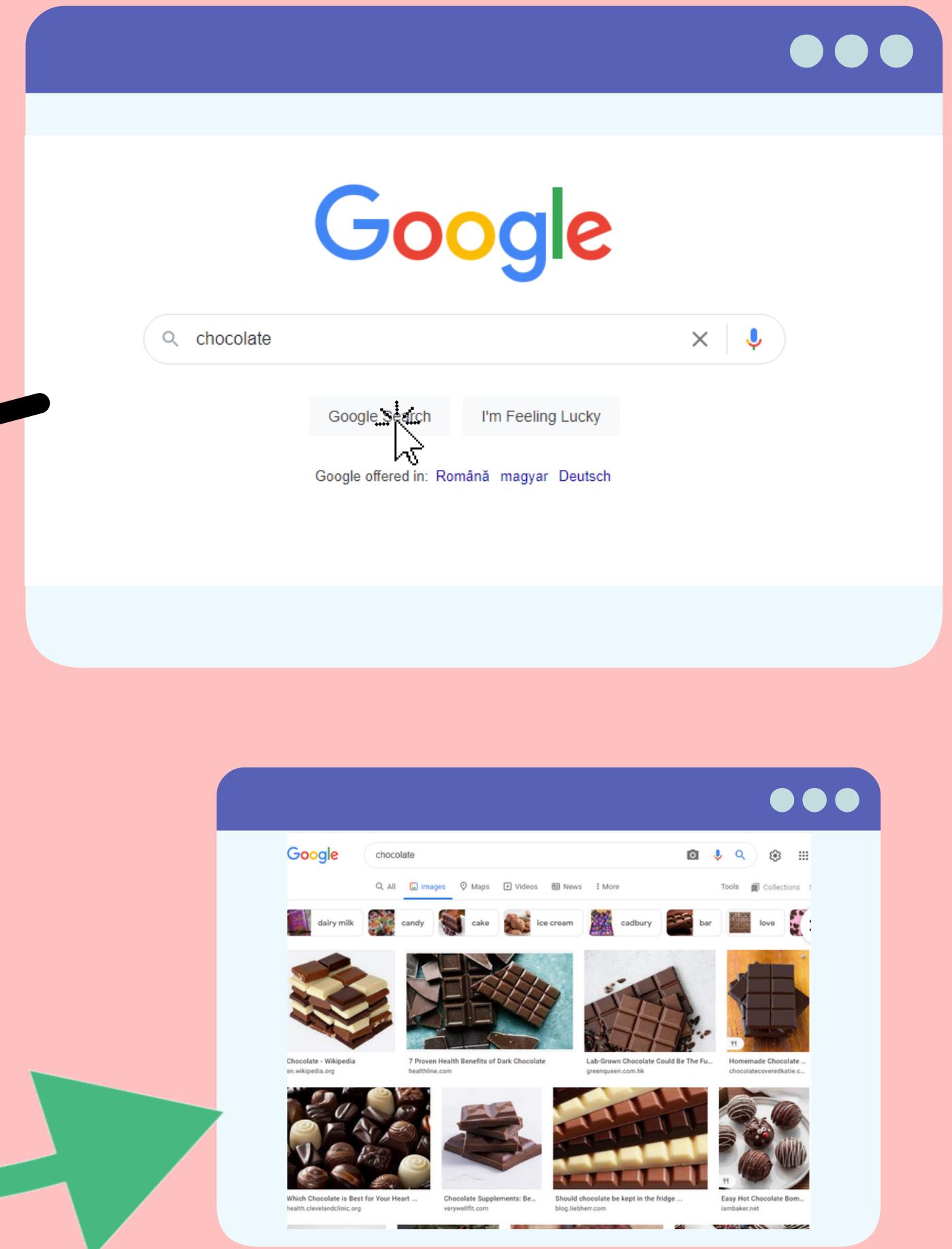
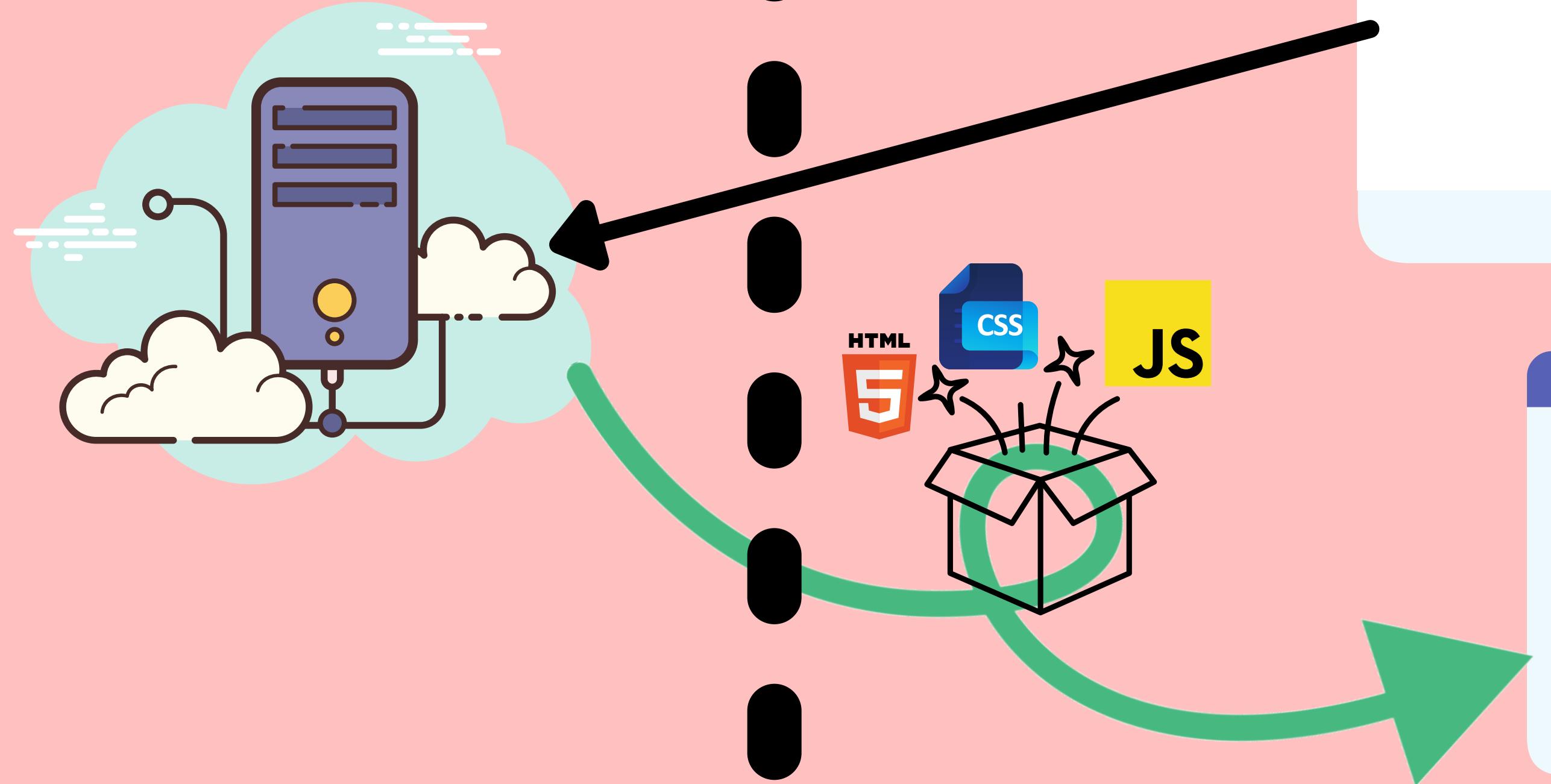
YOU STILL NEED TO BAKE IT

PLEASE GIVE ME

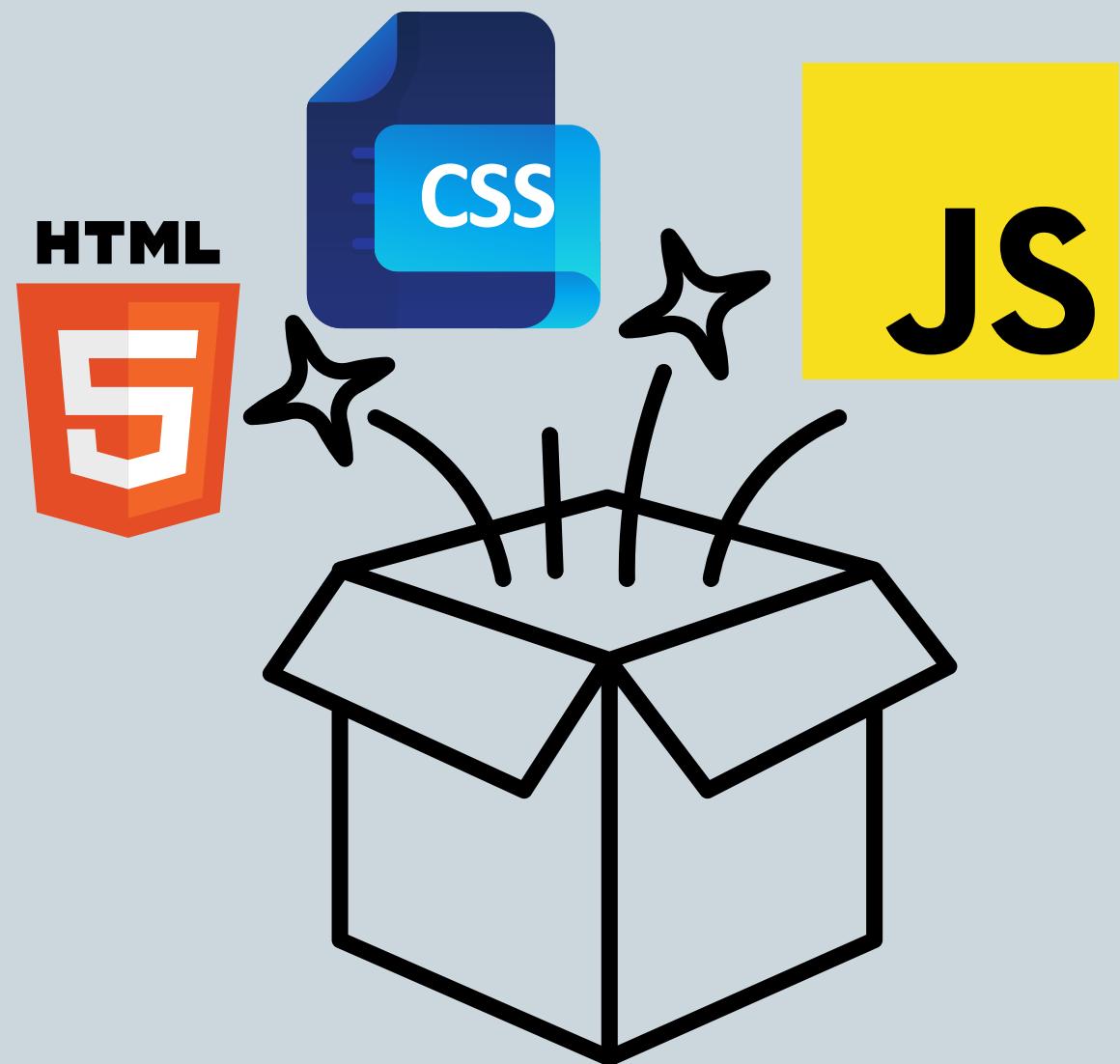
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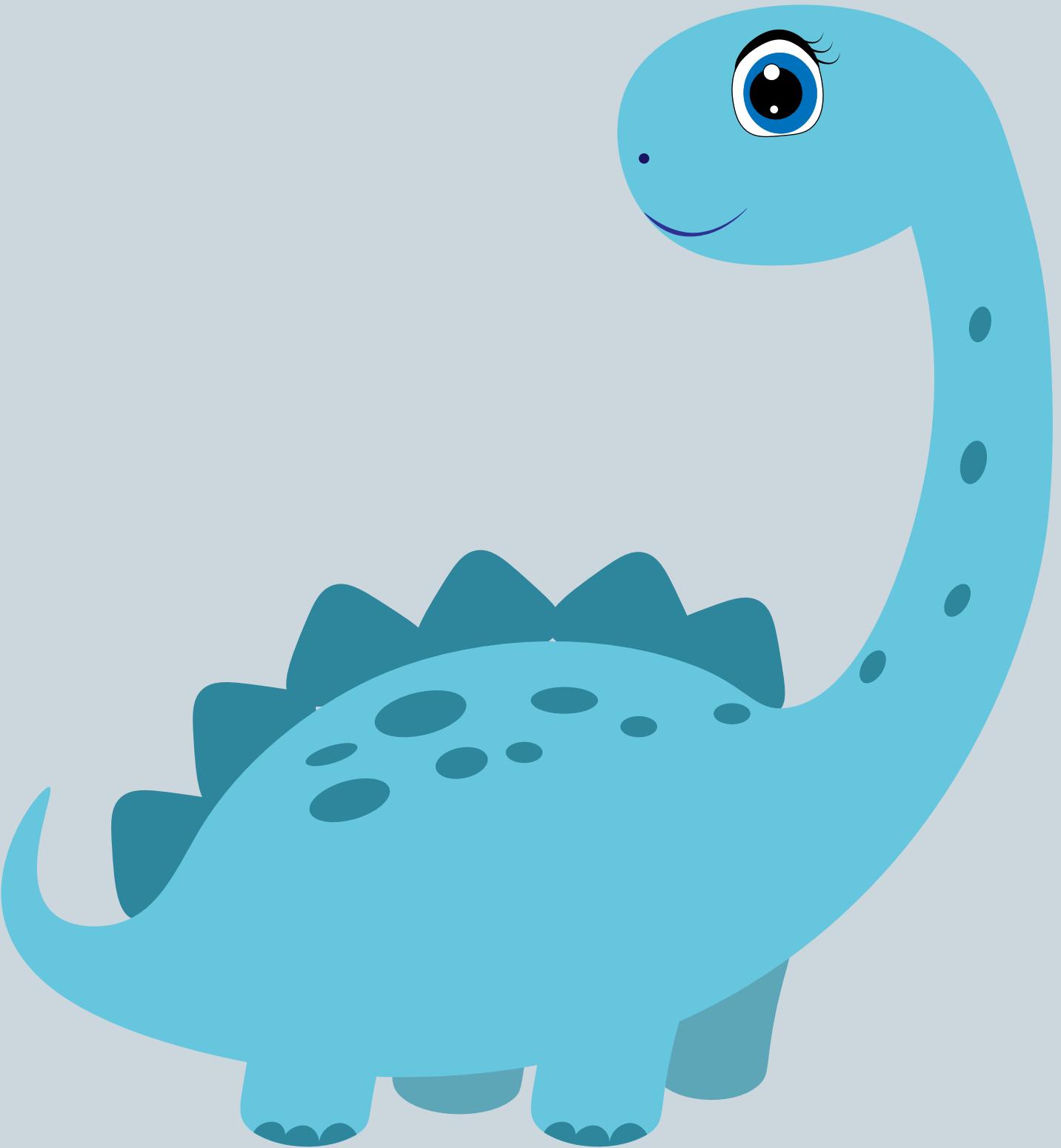
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THE ----- CSS - adjectives
BLUE ----- HTML - nouns
DINO ----- JS - verbs
SMILED ----- JS - verbs

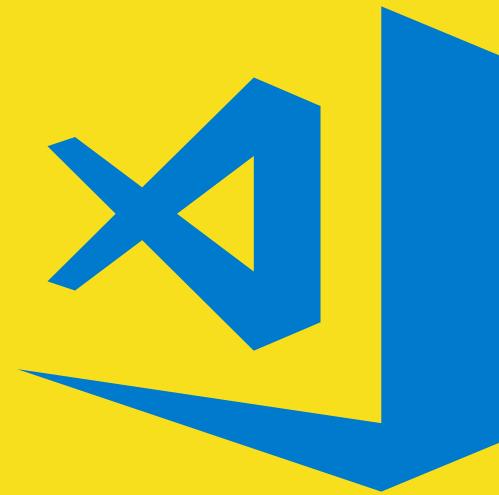


OUR TOOLS





Google Chrome
Web Browser



Visual Studio Code



Let's install them!