

Foto OL

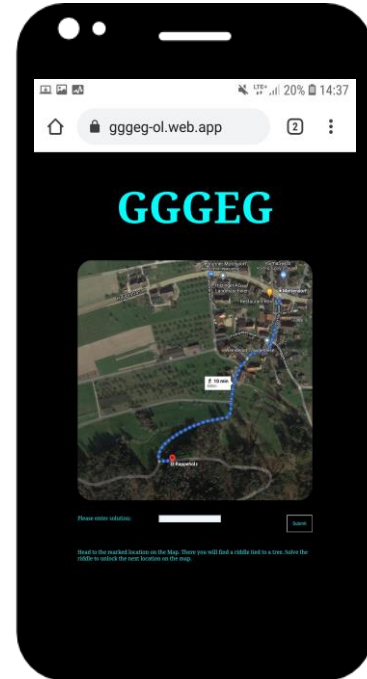
Die Geschichte von Nathanaels
Geburtstagsparty

Idee



Funktionalität

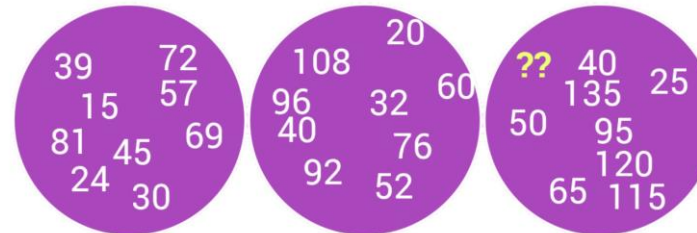
www.gggeg.app.com



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Schnitzel Jagd

Posten 2

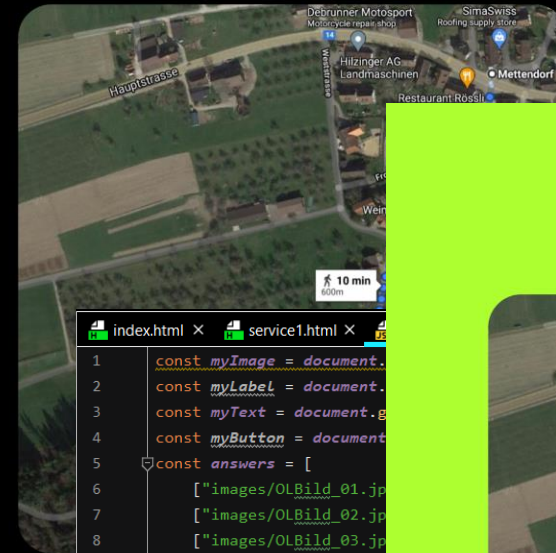


What number belongs, where the '??' are?



Frontend

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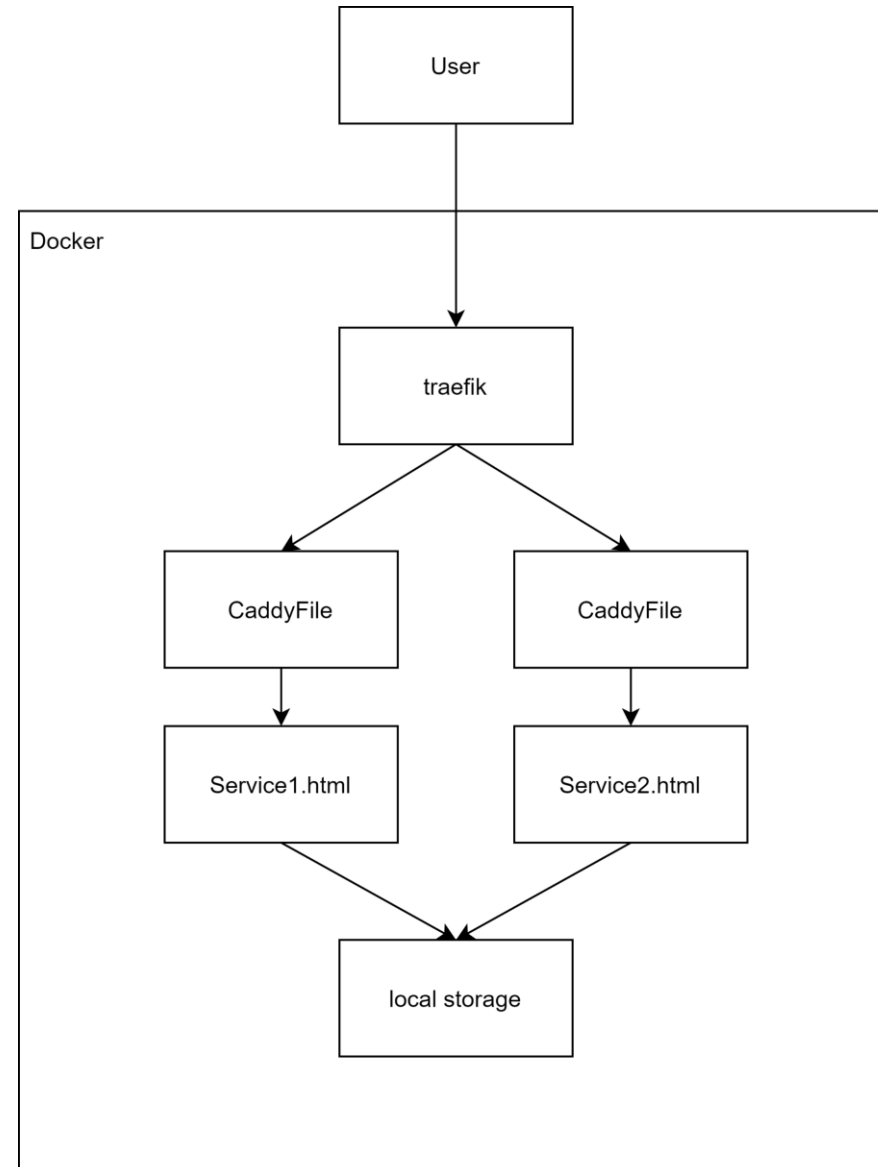
```
index.html x service1.html x
1  const myImage = document.
2  const myLabel = document.
3  const myText = document.g
4  const myButton = document
5  const answers = [
6    ["images/OLBild_01.jp
7    ["images/OLBild_02.jp
8    ["images/OLBild_03.jp
9    ["images/OLBild_04.jp
10   ["images/OLBildSieg.j
11 ];
12
13 if (!localStorage.progres
14   localStorage.progress
15 }
16
17 myImage.src = answers[par
18
19 function checkAnswer() {
20   let progress = parseI
21   if (progress>=answers
22   if (myText.value ===
23     localStorage.prog
24     console.log(local
25   } else {
26     localStorage.progress = 0;
27   }
28   myImage.src = answers[parseInt(localStorage.progress)][0];
29   myText.value="";
30 }
```

Frontend

- Aufbau
- Code
- Security

```
index.html × service1.html × main.js × service2.html ×
1  const myImage = document.getElementById( elementId: "OLBild");
2  const myLabel = document.getElementById( elementId: "Beschreibung");
3  const myText = document.getElementById( elementId: "Antwort");
4  const myButton = document.getElementById( elementId: "Knopf");
5  const answers = [
6      ["images/OLBild_01.jpg", "left"],
7      ["images/OLBild_02.jpg", "75"],
8      ["images/OLBild_03.jpg", "Tom"],
9      ["images/OLBild_04.jpg", "9"],
10     ["images/OLBildSieg.jpg", "aposdi"]
11 ];
12
13 if (!localStorage.progress){
14     localStorage.progress = 0;
15 }
16
17 myImage.src = answers[parseInt(localStorage.progress)][0];
18
19 function checkAnswer() {
20     let progress = parseInt(localStorage.progress);
21     if (progress >= answers.length){ localStorage.progress = 0;
22     if (myText.value === answers[progress][1]){
23         localStorage.progress = progress + 1;
24         console.log(localStorage.progress)
25     } else {
26         localStorage.progress = 0;
27     }
28     myImage.src = answers[parseInt(localStorage.progress)][0];
29     myText.value = "";
30 }
```

Aufbau



Design Entscheidungen

Traefik: Wir haben uns für traefik entschieden, da es unseren Anforderungen am besten entspricht und einfach zu bedienen ist.

Caddy: Caddy nutzen wir nur als Host für die Website. Dies, da die Beispiele der Vorlesungen bereits damit realisiert wurden. Ausserdem ermöglichte es uns die JWT Authentication sauber einzubinden.

Docker: Mit Docker wird das Deployment erleichtert.

Authentication

auth:

```
issuer: issuer
secret: secret1234567890
cookie name: access_token
```

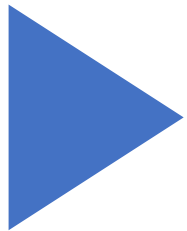
Beispiel jwt token:

- header { "alg": "HS256", "typ": "JWT" }
- payload { "sub": "1234567890", "iss": "issuer", "iat": 1516239022 }
- encoded
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwiaXNzIjoiaXNzdWVyIiwiaWF0IjoxNTE2MzkwMDIyQyZwGc5K4gi9RpsRyf
t-dR0gP2jGC4rh9VrC9m1HvdHfE

Authentication

JWT Authentication caddy image:
„rajaseg/caddy“

```
7  :80 {
8      route {
9          jwt {
10             primary yes
11             trusted_tokens {
12                 static_secret {
13                     token_name access_token
14                     token_secret secret1234567890
15                     token_issuer issuer
16                 }
17             }
18         }
19         root * /static
20         templates
21         file_server
22     }
23
24 }
```



Demo

Schwierigkeiten



NEUE SPRACHE (GOLANG)



NEUE TOOLS (DOCKER,
TRAEFIK, CADDY)