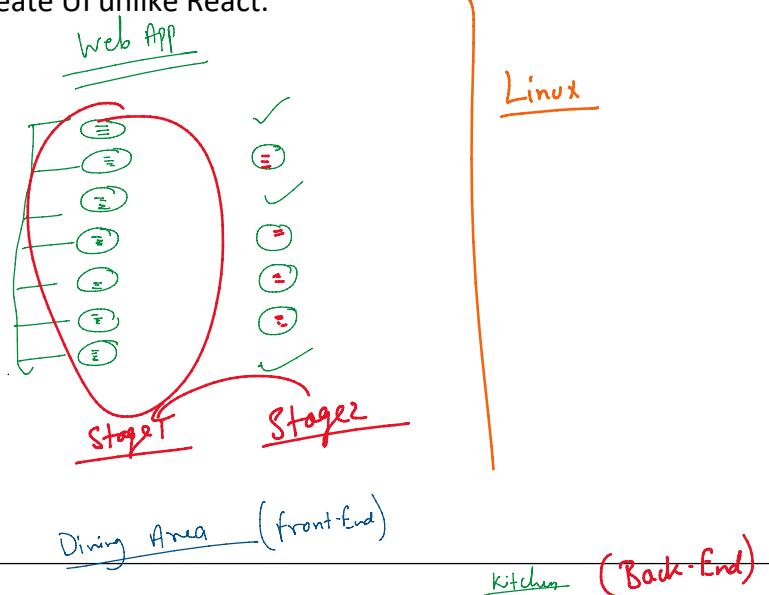
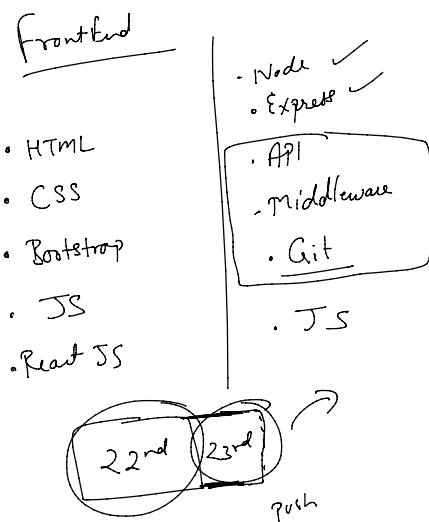
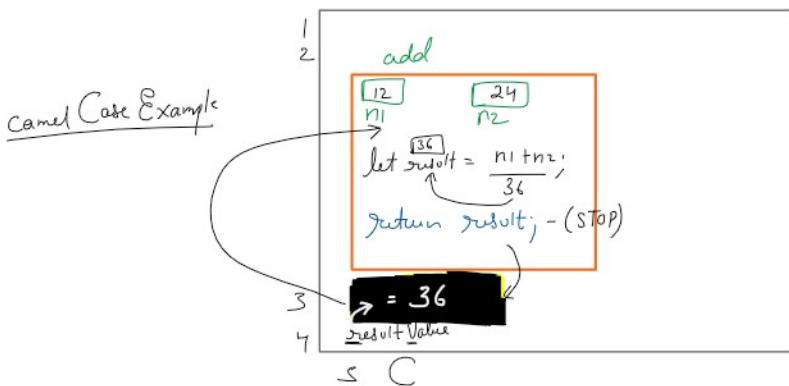
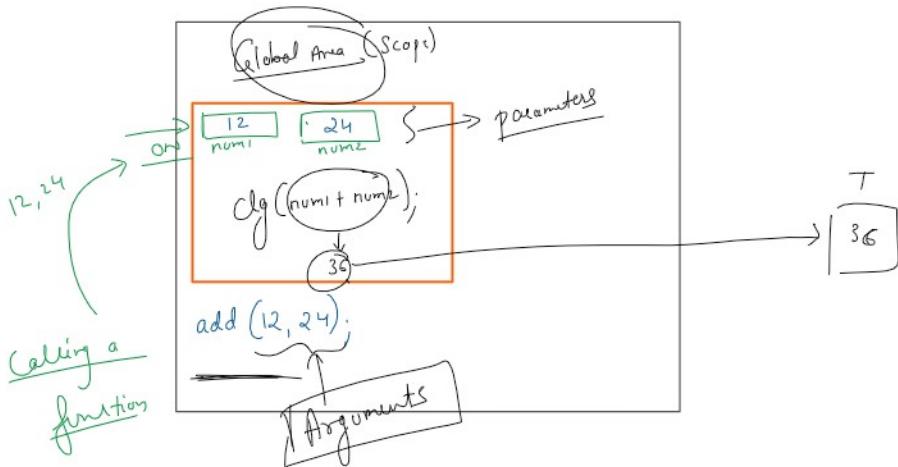
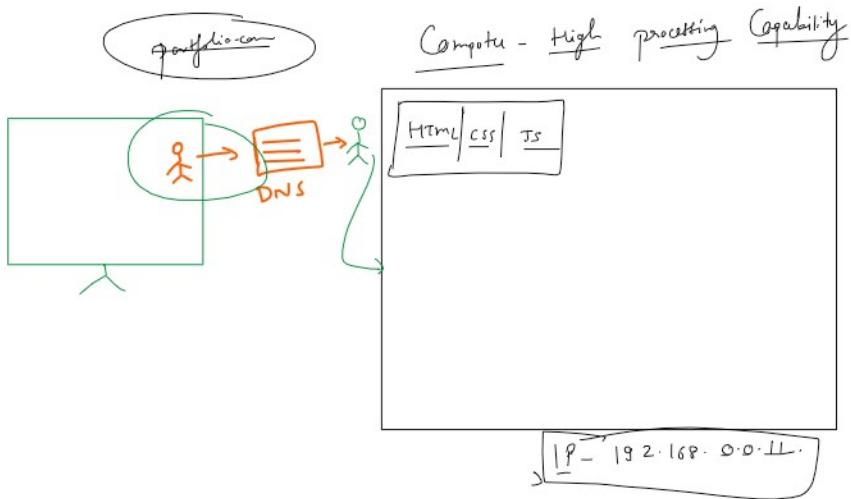
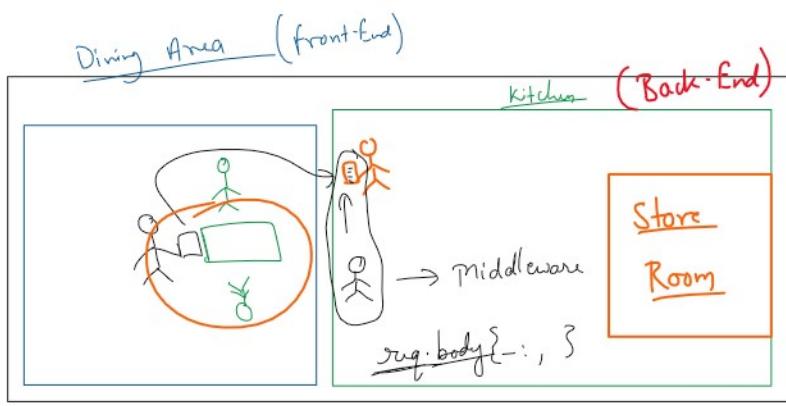


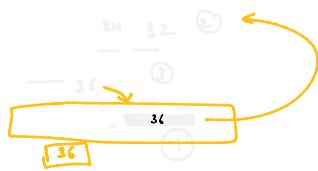
Why react is called a library and not a framework?

Because react does not come with almost all the pre installed libraries, which you would require for development.

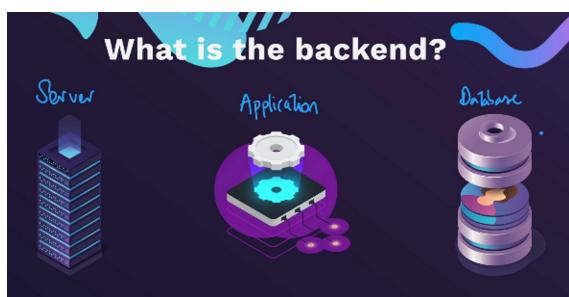
Whereas angular comes with almost all the pre installed libraries that you would require for development purposes and you have to follow some set of rules to create UI unlike React.

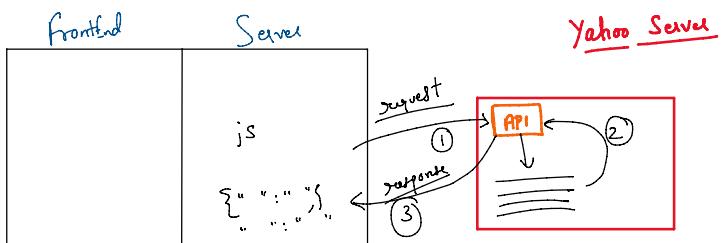
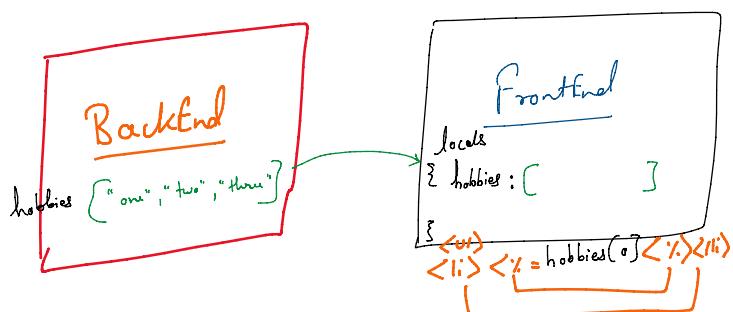
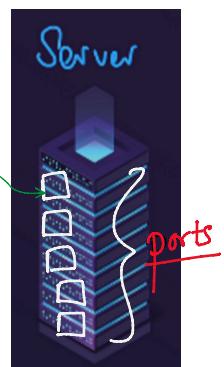


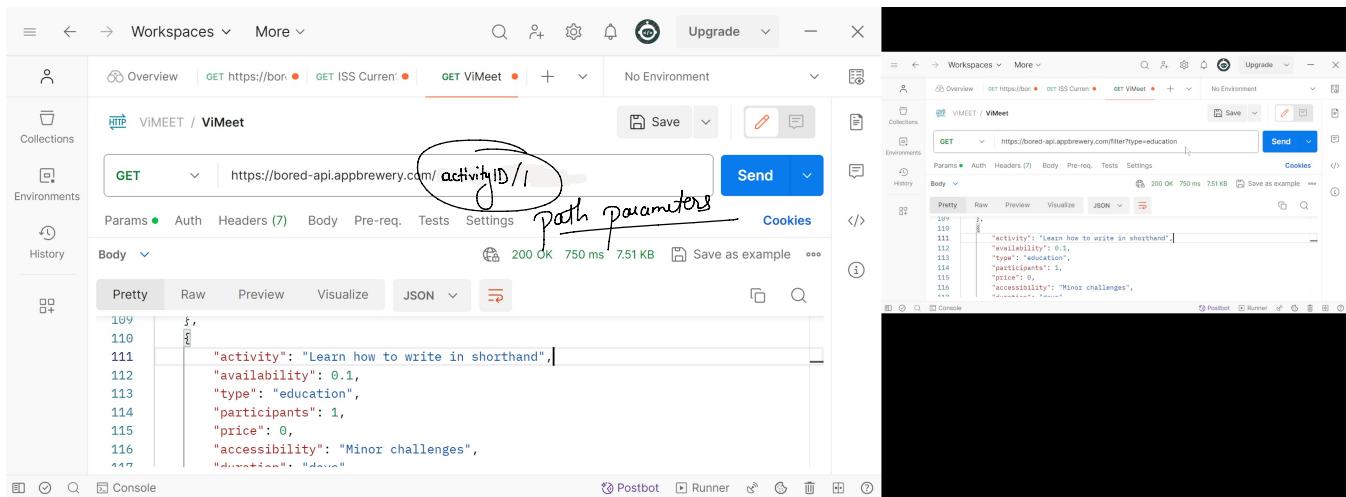
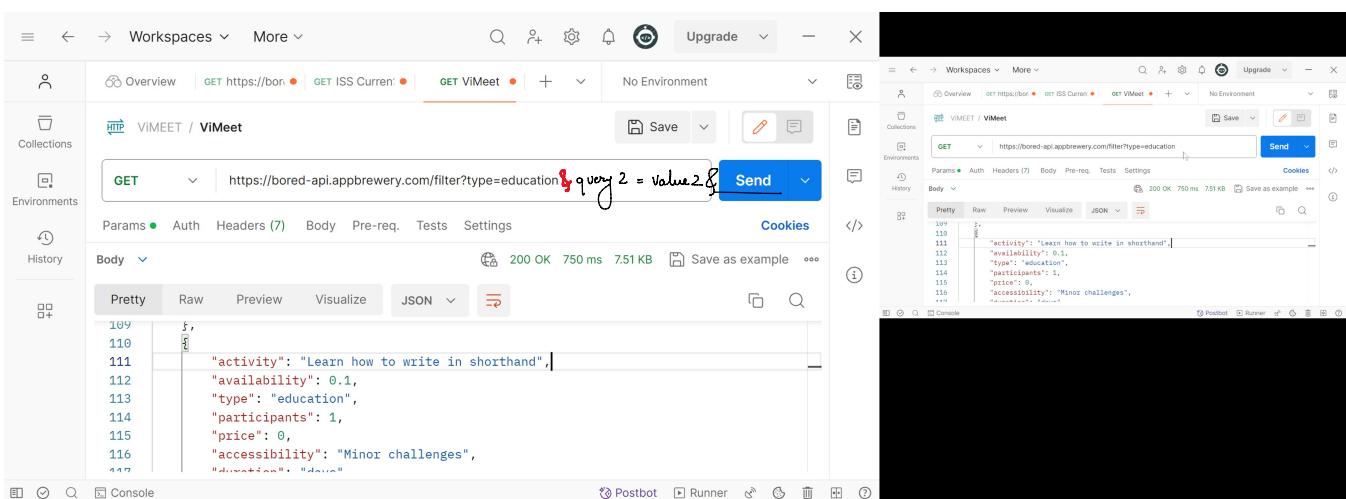
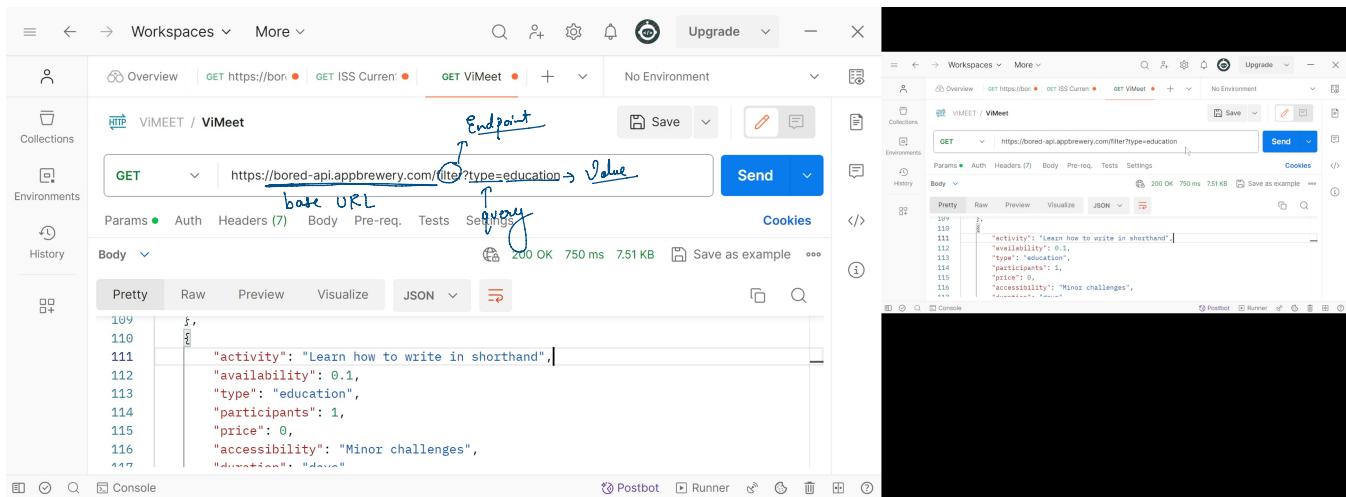




`let pishviCatcha =`
 Is num giving me
 zero at the remainder
 after getting divided by 2?
num
Pishvi
2, 4, 5, 12, 22







Request Terminology

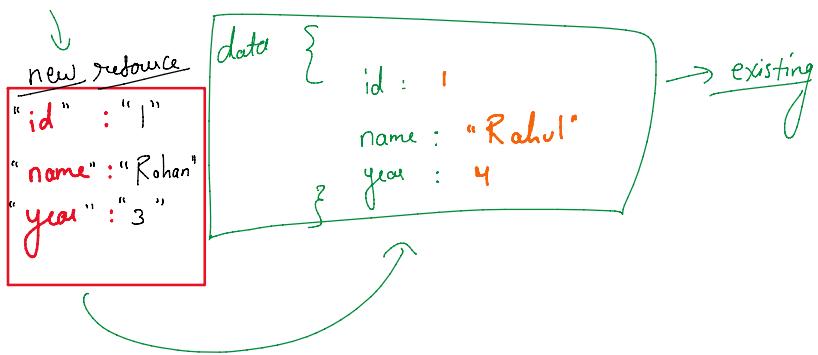
① GET - Get me Something

② POST - Take Something (this thing) from me.

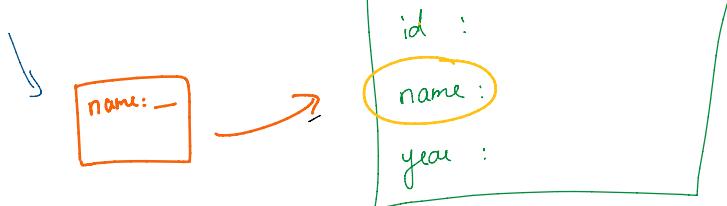
② PUT - Replace Something Completely

(2) POST - Create something new ✓

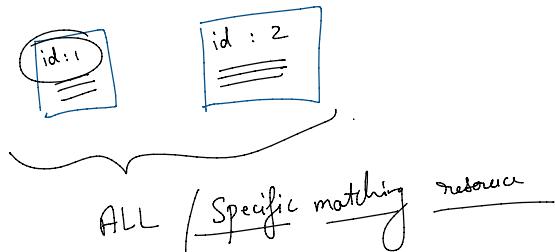
(3) PUT - Replace Something Completely



(4) PATCH

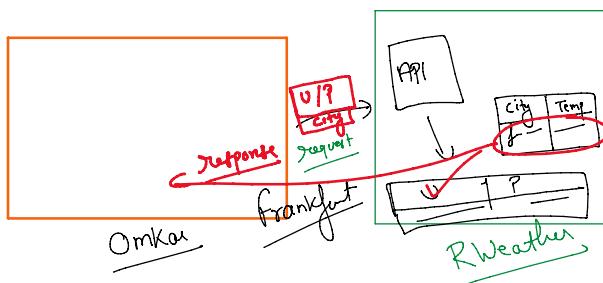


(5) DELETE



(1) Zero Authentication

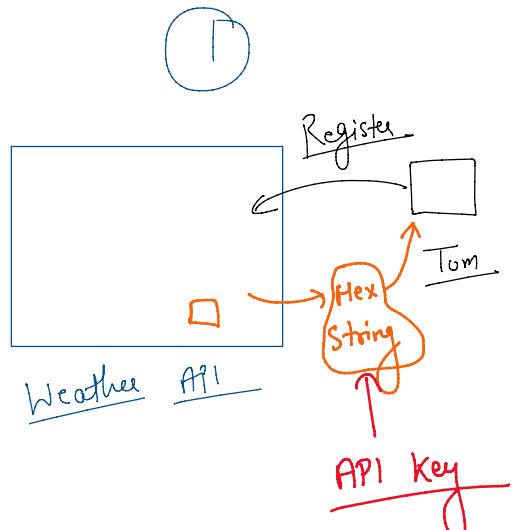
(2) Basic Auth : Username & pass



③ API Key Authorization:

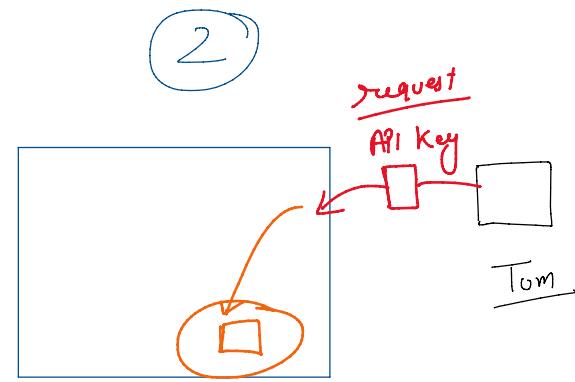
Authentication

- To check whether a user is registered



Authorization

- To check whether user is allowed to use an API



GET /generate-api-key

Generates a new API key.

Example Request:

```
GET https://secrets-api.appbrewery.com/generate-api-key
```

Example Response:

```
{
  "apiKey": "generated-api-key"
}
```

GET /generate-api-key

Generates a new API key.

Example Request:

```
GET https://secrets-api.appbrewery.com/generate-api-key
```

Example Response:

```
{
  "apiKey": "generated-api-key"
}
```

Workspaces < More

Overview | GET https://bor... | GET ISS Curren... | GET ViMeet | + | No Environment

VIMEET / ViMeet

HTTP | Save | Send | Cookies

GET https://secrets-api.appbrewery.com/generate-api-key

Params Auth Headers (10) Body Pre-req. Tests Settings

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables.

Body

429 Too Many Requests 314 ms 763 B Save as example

Pretty Raw Preview Visualize HTML

1 Too many requests, please try again later.

GET /generate-api-key

Generates a new API key.

Example Request:

```
GET https://secrets-api.appbrewery.com/generate-api-key
```

Example Response:

```
{
  "apiKey": "generated-api-key"
}
```

GET /filter

Returns a random secret with a particular embarrassment score or higher. API key authentication is required.

Query Parameters:

- **apiKey**: Your API Key generated from the /generate-api-key endpoint.
- **score**: The minimum embarrassment score to filter by.

Example Request:

```
GET https://secrets-api.appbrewery.com/filter?score=5&apiKey=b886c845-9989-43aa-8c60-ea4a669bb587
```

Example Response:

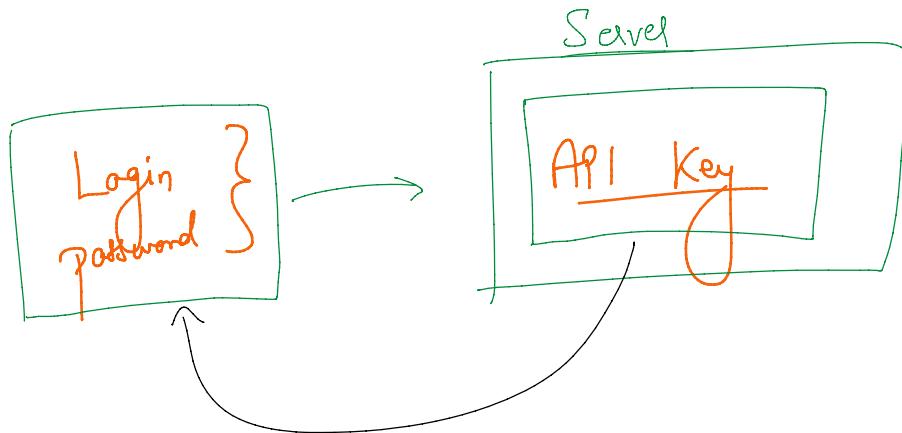
```
[
  {
    "id": "1",
    "secret": "This is a secret with embarrassment score 5 or higher.",
    "embScore": 5,
    "username": "user123",
    "timestamp": "2022-10-01T12:34:56Z"
  },
  {
    "id": "2",
    "secret": "Another secret with embarrassment score 5 or higher.",
    "embScore": 7,
    "username": "user123",
    "timestamp": "2022-10-02T10:11:12Z"
  }
]
```

GET /filter

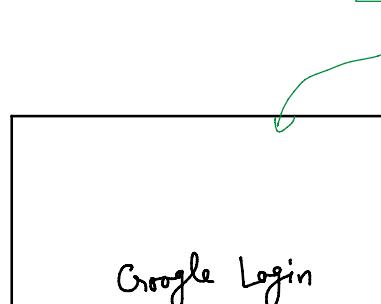
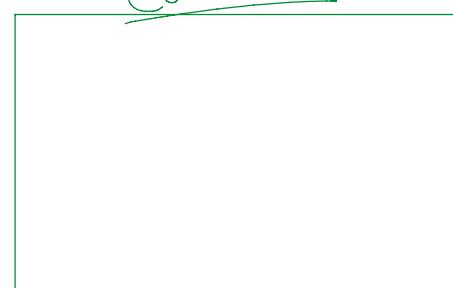
Returns a random secret with a particular embarrassment score or higher. API key authentication is required.

Query Parameters:

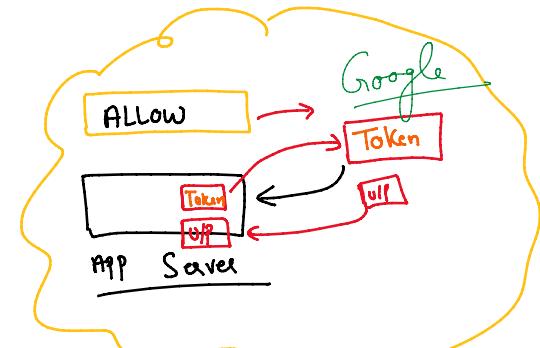
④ Token Based Authentication:



Calendar



Your App



^ ^

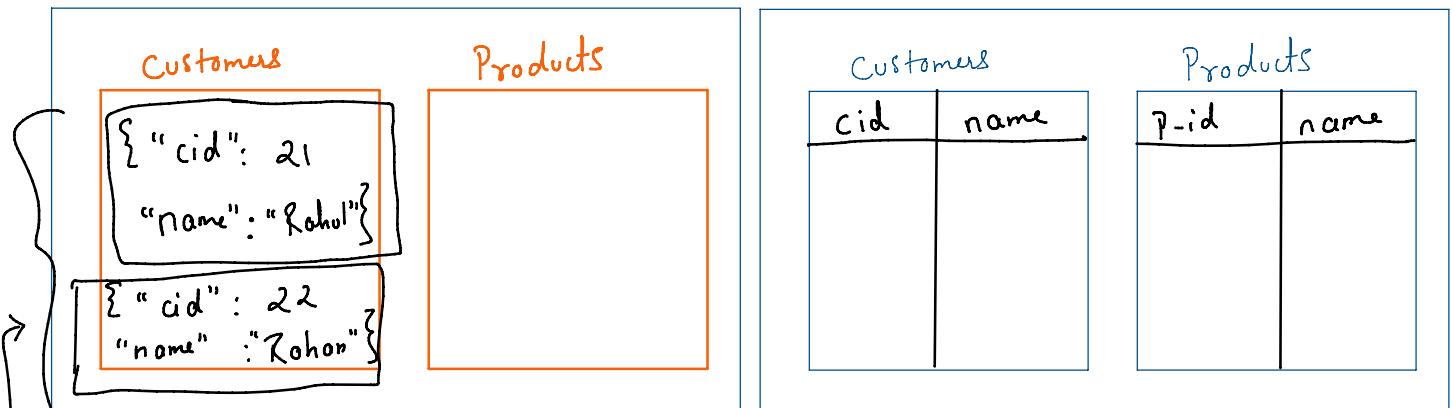
Your App

App Server

Database

NoSQL

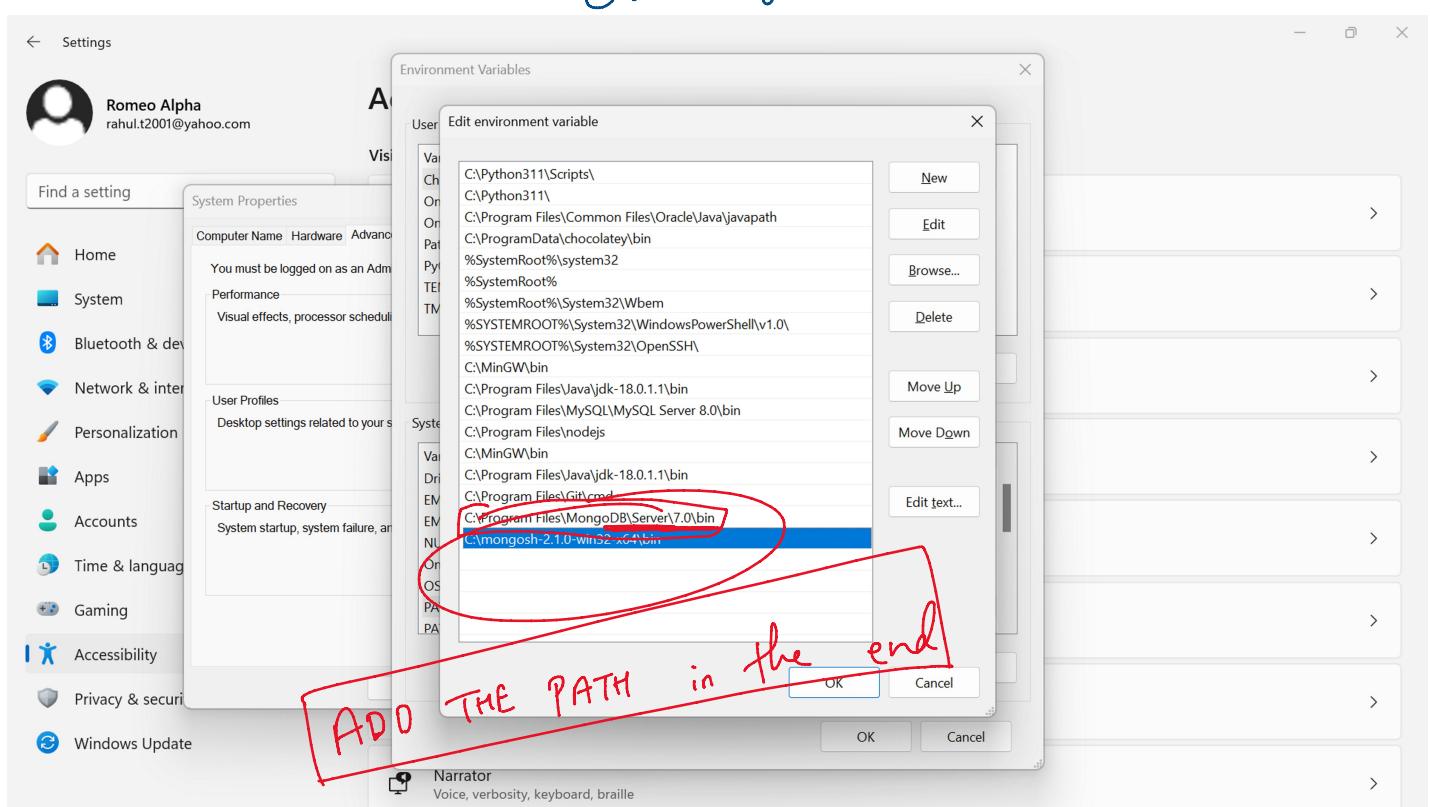
SQL



documents

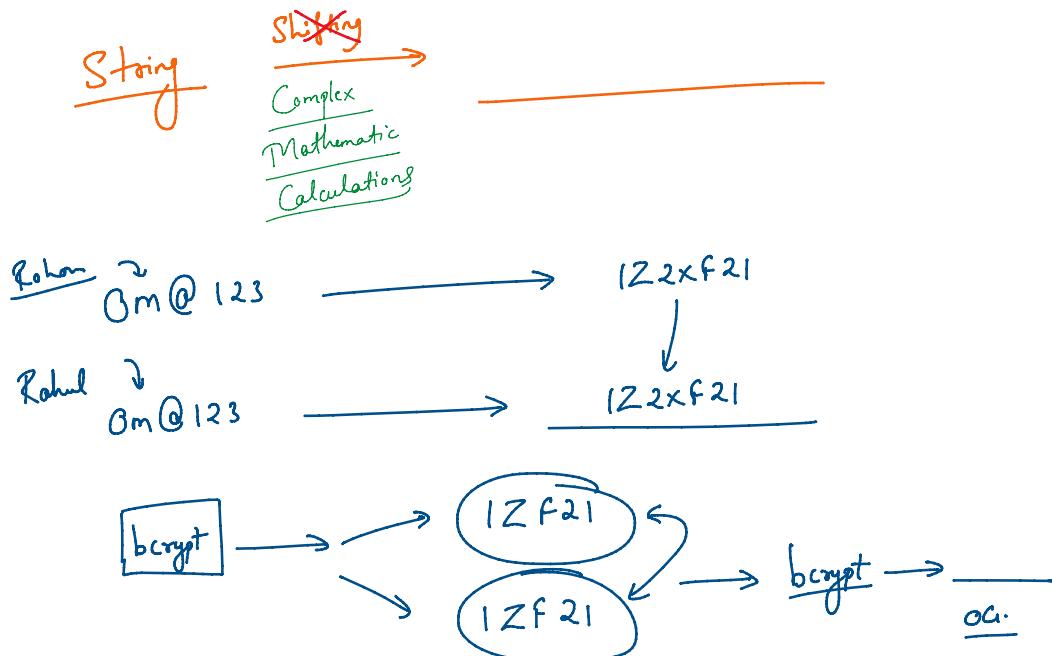
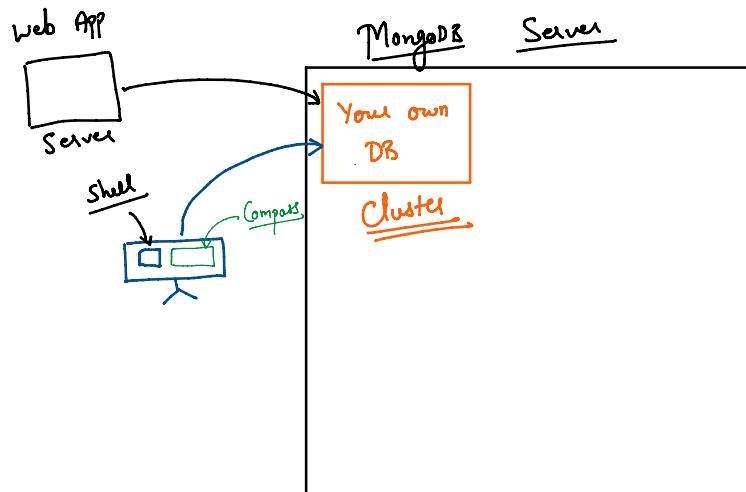
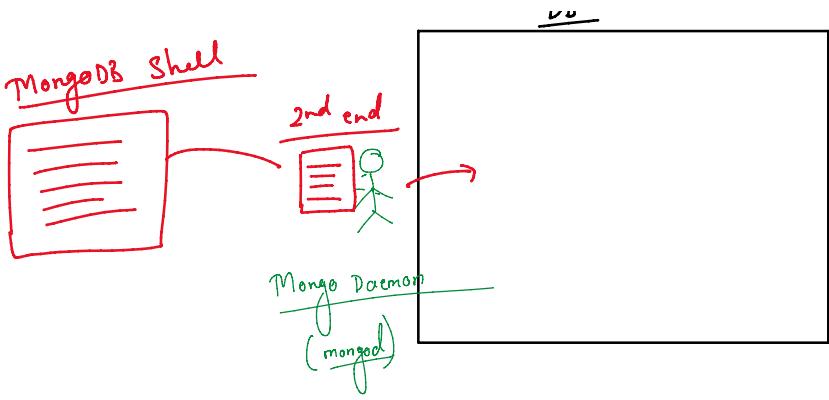
• = Collections

c: → data → db

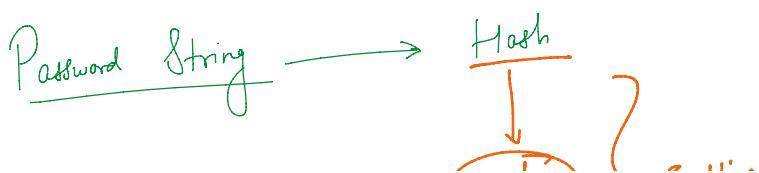


MongoDB shell

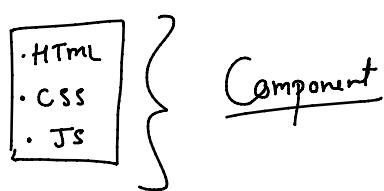
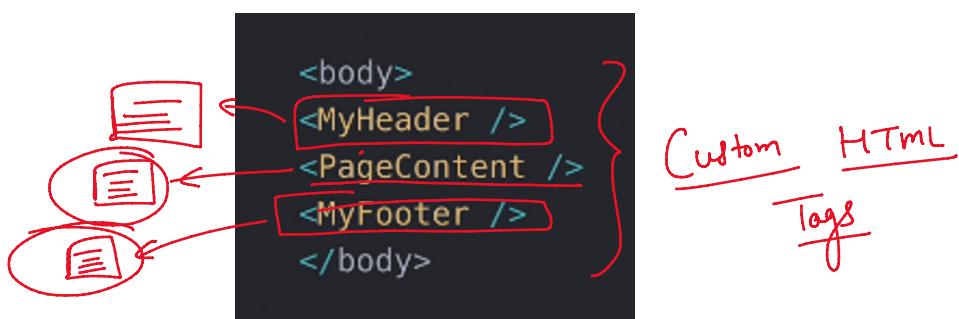
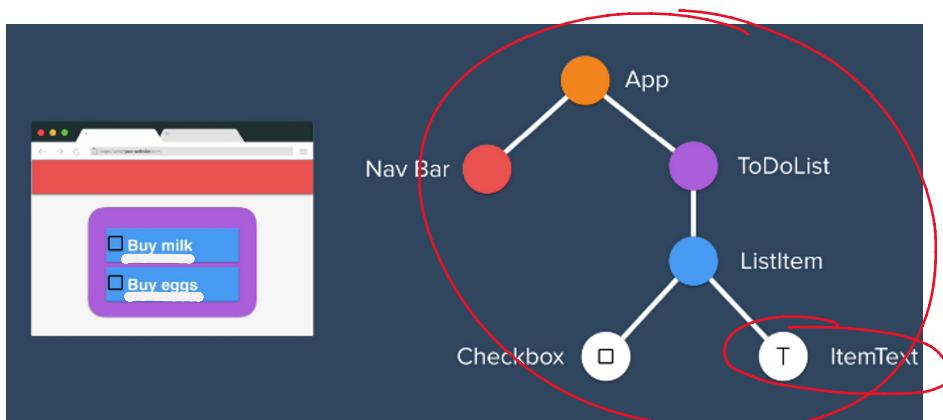
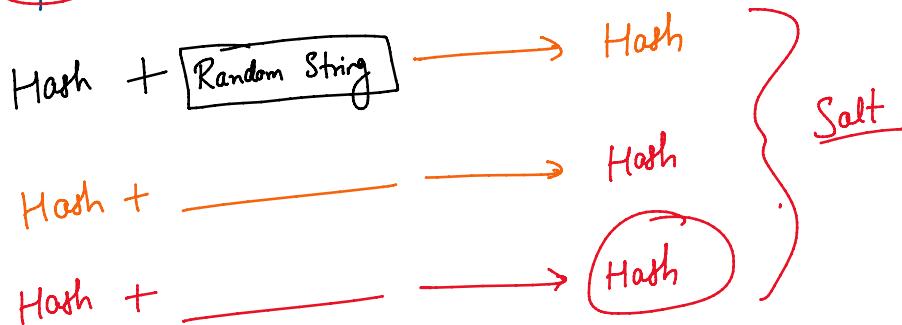
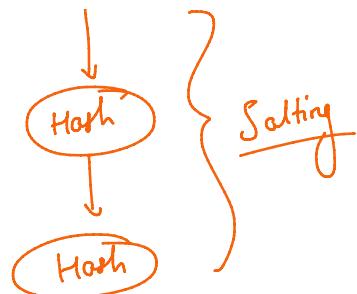
DB

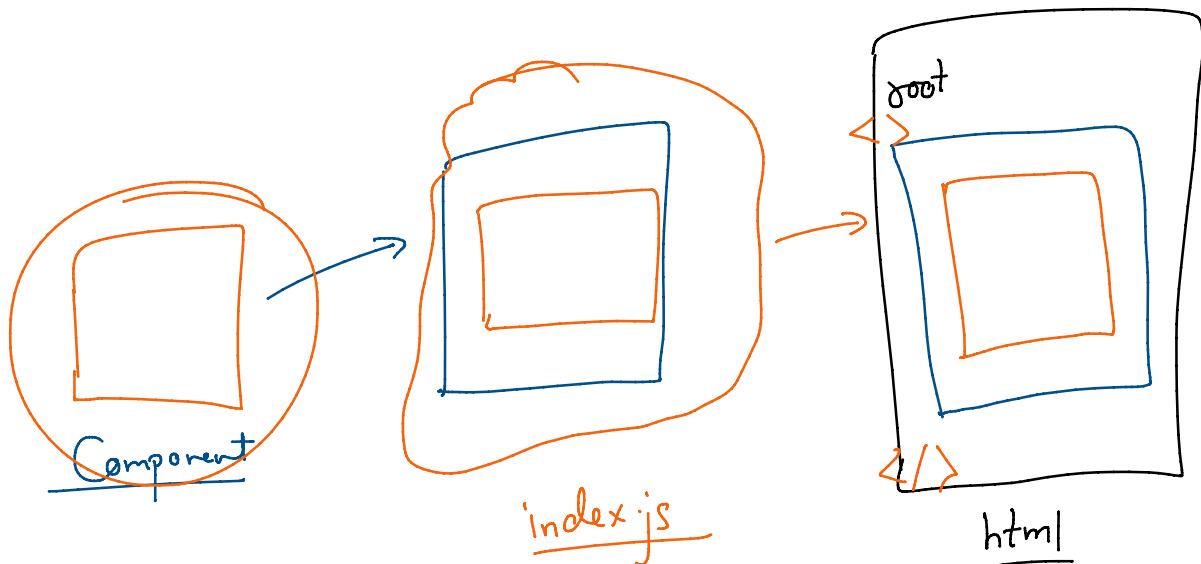


Hashing + Salting



1. ~~www~~ - ()





The screenshot shows a React application structure in VS Code. The left sidebar displays files like MainComponent.jsx, StudentInfo.js, and Card.jsx. The main editor shows MainComponent.jsx with code that imports Card and StudentInfo components. A large handwritten note 'CardInfo = { 4 }' is written over the line where CardInfo is used as a prop. Another note 'Array []' is written near the array creation in the code. The bottom right shows a browser window at localhost:3000 displaying student information in a grid format.

```
src > components > MainComponent.jsx > Card.jsx
```

```
1 import React from 'react';
2 import Card from './Card';
3 import StudentInfo from './StudentInfo';
4
5 function MainComponent() {
6   const [cardInfo, setCardInfo] = useState([
7     {
8       name: 'Rahul',
9       rollNo: 42,
10      dept: 'CSE'
11    },
12    ...
13  ]);
14
15  function handleCardInfo(cardInfo) {
16    setCardInfo(cardInfo);
17  }
18
19  return (
20    <>
21      <h1>Student Info : </h1>
22      <CardInfo.name.createCard>
23    </>
24  );
25}
26
27 export default MainComponent;
```

This is a header
Student Info :

name : Rahul Roll No : 42 Department : CSE	name : Rohan Roll No : 56 Department : CSE	name : Sakshi Roll No : 16 Department : Coms	name : Shruti Roll No : 25 Department : Coms
--	--	--	--

This is a footer....

