DATABASE IN JAVASCRIPT

JS

Before We Start

The local storage data in JSON format, which means when storing the data, **we need to convert JavaScript Object** to a JSON format and vice versa.

```javascript
1   const person = {
2       name: "Anas Dev"
3   }
4   const personToJSON = JSON.stringify(person);
```

Convert to JSON format

Create New Record

Here's how to create a new record in the **local storage**.

```javascript
1   const person = {
2       name: "Anas Dev"
3   }
4   const personToJSON = JSON.stringify(person);
5   localStorage.setItem("person", personToJSON);
```

The key of the record

Value of the record (JSON)

Read a Record

Here's how to read a record in the local storage.

```javascript
1  const person = {
2      name: "Anas Dev",
3      age: 22
4  }
5  const personToJSON = JSON.stringify(person);
6  const JSONToPerson = JSON.parse(personToJSON);
7  console.log(JSONToPerson);
```

Convert JSON to JS object

Update a Record

Here's how to **update an existing record** in the local storage.

```javascript
1  const person = {
2      name: "Anas Dev",
3      age: 22
4  }
5  const personToJSON = JSON.stringify(person);
6  localStorage.setItem("person", personToJSON);
```

Update is basically overwriting.

Delete a Record

Here's how to **delete an existing record** in the local storage.

```js
1  const person = {
2      name: "Anas Dev"
3  }
4  const personToJSON = JSON.stringify(person);
5  localStorage.removeItem("person");
```