DATABASE IN
JAVASCRIPT

save it now

Anas Dev
@modern.javascript

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
5    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
5  const personToJSON = JSON.stringify(person);
6
7  localStorage.setItem("person", personToJSON)
```

The key of
the record

The value of the
record (JSON)

Read a Record

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

```javascript
1  const person = {
2    name: "Anas Dev",
3    age: 22
4  }
5
6  const personToJSON = JSON.stringify(person);
7
8  const JSONToPerson = JSON.parse(personToJSON);
9
10 console.log(JSONToPerson);
```

Cpnvert JSON to
Js object

Update a Record

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

```javascript
const person = {
  name: "Anas Dev",
  age: 22
}

const personToJSON = JSON.stringify(person);

localStorage.setItem("person", personToJSON);
```

Update is basically overwritting

Delete a Record

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

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