



JSON

JSON

JSON - (JavaScript Object Notation) bu ma'lumotlarni saqlovchi va tashuvchi format hisoblanadi, uning yordamida biz server bilan ma'lumot almashamiz. JSON sintaksisi Javascript Obyektidan olingan, JSON 'da ma'lumotlar matn ko'rinishida saqlanadi

```
{  
  "employees": [  
    {"firstName": "John", "lastName": "Doe"},  
    {"firstName": "Anna", "lastName": "Smith"},  
    {"firstName": "Peter", "lastName": "Jones"}  
  ]  
}
```

JSON.parse() & JSON.stringify()

JSON.parse() - ma'lumotlarni JSON 'dan chiqarish uchun ishlatilinadi

```
const obj = JSON.parse( '{"name": "John", "age": 30, "city": "New York"}' );
```

JSON.stringify() - ma'lumotlarni JSON formatiga o'tkazish uchun ishlatilinadi

```
const myJSON = JSON.stringify(obj);
```



JS

localStorage

localStorage

localStorage - obykti brauzerda "key" va "value" ko'rinishida qiymat saqlash uchun xizmat qiladi, u yerda qiymatlarning ma'lum bir muddati bo'lmaydi hatto brauzer yopilganda ham qiymatlar saqlanib qoladi

setItem() & getItem()

setItem() - localStorage 'ga ma'lumot yuklash uchun ishlatilindi

```
localStorage.setItem(key, value);
```

getItem() - localStorage 'dan ma'lumot olish uchun ishlatilindi

```
let lastname = localStorage.getItem(key);
```

removeItem() & clear()

removeItem() - localStorage 'dan ma'lumotlarni o'chirish uchun ishlatilindi

```
localStorage.removeItem(key);
```

clear() - localStorage 'dan barcha ma'lumotni o'chirish uchun ishlatilindi

```
localStorage.clear();
```