22 - Lesson

▽ async, await

```
async function f(){

    let promise = new Promise(( resolve,
    reject) => {
                                            'done!'
            setTimeout (() => resolve(done) , 1000)
    });
    let result = await promise;
    alert (result);

}
f()
```

natija: 1-sekundan keyil alert chiqadi

___

```
// Fetch api syntax
let url= 'https://jsonplaceholder.typi-
code.com/posts';
let data= {}
let options = {
methods: 'GET',
```

```
headers: {'Content - Type' : 'application/json
                                              },
Body: Json. stringify (data)$,
authorization: 'Token',
};
    let    promise= fetch (url, options);
```

```
//              GET methods
//   1- usul

let   p2 = fetch ('https://jsay:placeholder.
typicode. com (posts');
p2.  then ((res) => res.json())
   . then ((data) => {
          log (data);
    })
      . catch ((err) => {
            log ('Error', err);
       });

hatija: Array (100)        Api keladi.
```

```
// 2- usul
async function getData() {
    try {
        let res = await fetch(".........");
        let data = await res.json();
        log(data);
    } catch (err) {
        log('error', err);
    }
}

getData();
```

natija: data chiqadi.
_____

```
//params
let url = "https://example.com?";
let query = new URLSearchParams({
    page: 1,
    limit: 10;
})
fetch(url + query)
```

```
// Errors

p2. then((res) => {
    if(res.ok === false  &&  res.status !==200){
        log('Error');
    }
    return  res.json();
})
.then((res) => {
    log(res)
})
.catch((err) => {
    log('Error' , err);
});
```

```
// Post methods
const sendData = async () => {
    let user = {
        username:  'sultongul',
        password:  'programmer',
    };
```

```
try {
    let res = await customFetch ('https.
// reqres.in/api/login', {
        method: 'POST',
        headers: { 'Content-Type': 'application
                                        /json'
                                        },

        body: JSON.stringify(user),
    });
    log(res);
} catch (err) {
        log(err);
    }
};
sendData();
natija:  404 keladi yoki katologio u-n
```