**Day 5: 2-07-2025**

**Synchronous and Asynchronous communication**

Synchronous : it will execute set of statement one by one sequentially.

Synchronous statement

console.log(“1st statement”);

console.log(“2nd  statement”);

console.log(“3rd statement”);

function call

fun1()

fun2()

fun3();

Asynchronous : it will execute set of statement independently

Asynchronous statement

console.log(“1st statement”); Asynchronous

console.log(“2nd  statement”); Asynchronous

console.log(“3rd statement”); Asynchronous

function call

fun1()

fun2()

fun3();

synchronous communication

req1------------🡪

req2----------🡪

req3---------🡪

asynchronous communication

req1------------🡪

req2----------🡪

req3---------🡪

Client Server

AJAX : Asynchronous JavaScript and Xml

XMLHttpRequest

ActiveXObject

Few pre -defined function part of window object which help to do asynchronous task on client side.

setTimeout(callbackfuntion,time)

setInterval(callbackfucntion,time)

clearInterval()