**Synchronous and asynchronous communication**

**Synchronous communication**

It will execute the set of statement sequentially or one by one

console.log(“1st statement”);

console.log(“2nd statement”);

console.log(“3rd statement”);

synchronous function call

fun1();

fun2()

fun3();

**Asynchronous communication**: it will execute set of statemen independently.

console.log(“1st statement”);

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

console.log(“3rd statement”);

asynchronous function call

fun1();

fun2()

fun3();

if we want to make asynchronous statement execution on client machine. JavaScript provided 3 functions

setTimeout()

setInterval()

clearInterval()

1st req to search some information from database

2nd req get some dynamic code or random code

3rd req simple static message

1 passing emailid and password if correct open dashboard and display the message.

2 open the dashboard once we get confirmation

Client Server

AJAX :

Asynchronous JavaScript and XML (eXtensible markup of language)

XMLHttpRequest() :

ActiveXObject() : these pre defined object allow to achieve core Ajax features.

**Promise** : Promise is a pre defined object which help to handle asynchronous event of data of any type.