**Arrow functions:**

---ES6 version

--more readable and more structure

--anonymous functions (lambda functions)

--without function name but they are assigned to a variable

**Example:**

**Arrow functions with out parameter**

Let c=()=>{

Console.log(“hi Venkat”)

}

C();

#Arrow functions with parameter

Example:

<script>

        let x=(x,y)=>{

            console.log(x+y)

        }

        x(20,30)

        x(40,50)

    </script>

Arrow function with one argument

#without string parameters

<script>

        let greet=x=>console.log(x);

        greet("Hello");

    </script>

Arrow function with out argument

<script>

        let greet=x=>console.log("hello")

        greet()

    </script>

Example: Arrow functions as an expression

 <script>

        let age=18;

        let welcome=(age<18)?

        ()=>console.log('hi john'):

        ()=>console.log('hi thomas');

        welcome()

    </script>

---synchronous and Asynchronous—

Synchronous Functions:

Example:

 <script>

        function task1(){

            console.log("task1:Start")

        }

        function task2(){

            console.log("task2:start")

        }

        function task3(){

            console.log("task3:start")

        }

        task1()

        task2()

        task3()

    </script>

Asynchronous functions:

---multiple tasks at a time---

<script>

        console.log("hi raviteja");

        setTimeout(()=>{

            console.log("hi Iam waiting")

        },5000);

        console.log("hi Iam in lab")

    </script>

JavaScript callbacks:

A call back function is a function that is passed argument to another function;

Example:

 <script>

        function greet(name,callback){

            console.log(`hello ,${name}`)

            callback();

        }

        function sayGoodbye(){

            console.log("goodbye")

        }

        greet("raviteja",sayGoodbye)

    </script>