Date Object

this is date object for create date in your applocation even it has many date method

momoentjs :- librery for date

Notes

Date objects is a data type built into the JavaScript language. once a Date object is crated , a number of methods allow you to operate on it. most methods simply allow you to get and set the year , month , day .hours, minute, second, and millisecond fields of the object , using either local time or UTC (Universal or GMT)time .

Syntax

you can use any of the following syntaxes to create a Date object using Date() constructor.

new Date()

new Date(milliseconds)

new Date(datstring)

new Date(year,month,date[,hour,minute,second , millisecond ])

string.js

var date=new Date();

var h = date.getHours();

var m = date.getMinutes();

var s = date.getSeconds();

document.getElementById('class').innerHTML=`${h} :${m} :${s}`;

style.css

body{

    background:black;

    margin: 0;

    padding:0;

}

#class{

    color:#fff;

    font-size: 50px;

    margin: 250px auto;

    width: 250px;

}

Index.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta nam   e="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>Document</title>

    <link rel="stylesheet" href="./bootstrap-4.3.1-dist/css/bootstrap.css">

    <link rel="stylesheet" href="./font-awesome-4.7.0/css/font-awesome.css">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div id="class"></div>

    <script src="string.js"></script>

</body>

</html>

**setTimeout(),set Interval()**:- these two are inside browser as well node js time delay purpose and async purpose time delaying in java script

setTimeout() is used to time delay to display its asynchronous means block

var username='Nithin';

setTimeout(()=>{

    document.write(username)

},10000);

var name = 'anu and manu';

document.write(name);

first execute username after that execute name

javascript is synchronous if you want to asynchronous use setTimeout but

node js is asynchronous

synchronous means blocking(code) state queue(for server)

setInterval is keep changing/ repeat the process

setTimeout is execute once

SetTimeout () method of the Window or WorkerGlobalScope mixin(and successor to Window .setTimeout()) sets a timer which executes a function or specified piece of code once the timer expires

Scheduling: setTimer and setInterval we may Decide to execute a function not right now, but at a certain time later . that’s called “scheduling a call”,

There are two methods for it:

setTimeout allows us to run a function once after the interval of time. setInterval of time .setInterval allows us to run a function repeatedly, starting after the interval of time , then repeating continuously that interval.

Function sayHi(){

Alert(‘hello’);

}

setTimeout(sayHi,1000);