16 Feb 2022—------------------------------------------------------------------

console.log("Welcome to Programiz!");

var newvar=15;

console.log(newvar);

newvar="Rishabh";

console.log(newvar);

var newarr=[1,"Rishabh",3,4,5];

console.log(newarr);

var x={fname:"Rishabh", lname:"Garg"};

console.log(x.fname);

var key="fname";

console.log(x[key]);

console.log(x.key);

var arr=[1,2,3,4,5];

arr[2]=6;

arr="hello";

arr=arr+"Ojesh";

arr[5]=10;

console.log(arr[4]);

console.log(arr);

console.log(arr[5]);

*let* a *=* 5 , b *=* 6;

*let* sum *=* a *+* b;

*let* c *=* 5;

function summer(a , b){

c *=* "hello";

*return* ;

*return* (a *+* b);

}

function sub(a , b){

*return* a *-* b;

}

function mult(a , b){

*return* a *\** b;

}

function pow(a , b){

*return* a *\*\** b;

}

summer(a , b);

console.log(c);

*/\*let A = 'h' , B = 5;*

*A \*= B;*

*console.log(A);\*/*

*let* x *=* {

fname: "Hello!!" , lname: "World" , fullname(){

*return* *this*.fname *+* " " *+* *this*.lname;

}

}

console.log(x.fullname());

Date 17/2/2022

var tem="my-name-is-shivam";

console.log(tem.slice(0,5));

console.log(tem.slice(5));

console.log(tem.slice(-2))

console.log(tem.slice(-4,-1))

console.log(tem.slice(2,1))

// console.log(tem.slice(,))

//slice do form starting index to ending index-1

//slice also works for -ve indexing

//when -ve index the slice()arguments inter change first argument is ending and second will be starting ex= str.slice(end,first)

//and for +ve str.slice(first,end)

Date 18/2/20222

*/\*let a = [1 , 2 , 3 , 4 , 5];*

*let b = a;*

*b[2] = 7;a[2] = 6;*

*console.log(a , b);\*/*

*/\*let a = [3 , 4 , 2 , 1 , 5 , 6 , 11];*

*let b = a.map(fun);*

*function fun(val){*

*return val;*

*}*

*a[2] = 6;b[2] = 7;*

*console.log(a , b);*

*\*/*

*/\*let a = [1 ,2 , 3 , 4 , 5 , 6];*

*let b = a.forEach(function(value , index , array){*

*return value + 1;*

*});*

*console.log(a , b);\*/*

*const* myArr *=* Array.from("ABCDEFG");

console.log(myArr);

21/02

// Online Javascript Editor for free

// Write, Edit and Run your Javascript code using JS Online Compiler

console.log("Welcome to Programiz!");

var a=[1,2,3,4];

var b=a;

b[2]=5;

console.log(a,b);

var c=a.slice(0);

console.log(c);

var max=10;

var min=5

var temp=0;

for(var i=0;i<5;i++)

{

var temp=Math.random();

// console.log((temp\*10).toFixed());

// console.log(temp);

console.log(Math.floor(temp \* (max - min)) + min);

}

console.log(temp);

const ab={

name:"first",

last:"my",

mid:function (){

let obj=this;

console.log(obj);

// for(let key of obj)

// {

// if(key!="mid")

// console.log(key,obj[key]);

// }

}

}

ab.mid();

var c ;

console.log("1")

setTimeout(sum, 5000);

function sum(){

console.log("2");

c = 3;

console.log(c);

}

<html>

<body>

<h1 id="main">

main

</h1>

<h2>

bottom

</h2>

<h3>

last

</h3>

<script>

document.getElementById("main").innerHTML = "Hello World!";

setInterval(function()

{

document.getElementById("main").innerHTML = Math.random();

document.getElementById("main").style.backgroundColor="rainbow";

},2000)

</script>

</body>

</html>

<html>

<body>

<h1 id="main">

main

</h1>

<h2>

bottom

</h2>

<h3>

last

</h3>

<script>

document.getElementById("main").innerHTML = "Hello World!";

// for(let i=0;i<10;i++)

var tem=0;

var tem1=setInterval(function()

{

tem+=1;

let n= Math.floor(Math.random()\*10);

document.getElementById("main").innerHTML=n;

if(n<5)

document.getElementById("main").style.backgroundColor="blue";

if(n==5)

document.getElementById("main").style.backgroundColor="green";

if(n>5)

document.getElementById("main").style.backgroundColor="red";

if(tem==10)

clearInterval(tem1);

},2000)

</script>

</body>

</html>

// setTimeout(function(){

// console.log("timer completed");

// },1000);

async function startSale( ){

console.log("timer started");

let msg = await delay(2000);

console.log(msg);

console.log("send notifiation");

}

startSale();

// delay(2000).then(resolve).catch(reject);

// function callBc(message){

// console.log(message);

// }

function resolve(){

console.log("sale started");

console.log("send notifiation");

}

function reject(){

console.log("something went wrong");

}

// function delay(timeInMiliseconds,callback){

// setTimeout(function(){

// callback("timer completed");

// }, timeInMiliseconds);

// }

function delay(timeInMiliseconds){

return new Promise((resolve,reject)=>{

setTimeout(function(){

// console.log("timer completed");

return resolve("timer completed");

// reject();

}, timeInMiliseconds);

})

}

function fun() {

return new Promise((rishabh, shivam) => {

setTimeout(() => {

rishabh("print");

}, 1000);

shivam("before timeout");

})

}

// fun().then((msd) => {

// console.log(msd+" @@@===");

// fun().then((msd) => {

// console.log(msd+"### ===");

// }).catch((vaar) => {

// console.log(vaar)

// });

// }).catch((vaar) => {

// console.log(vaar)

// });

// fun().then((msd) => {

// console.log(msd+" %%===");

// }).catch((vaar) => {

// console.log(vaar)

// });

async function funcc(){

let msd = await fun();

console.log(msd+"&&&");

msd = await fun();

console.log(msd);

}

funcc();

function fun() {

return new Promise((rishabh, shivam) => {

setTimeout(() => {

rishabh("print");

}, 1000);

shivam("before timeout");

})

}

// fun().then((msd) => {

// console.log(msd+" @@@===");

// fun().then((msd) => {

// console.log(msd+"### ===");

// }).catch((vaar) => {

// console.log(vaar)

// });

// }).catch((vaar) => {

// console.log(vaar)

// });

// fun().then((msd) => {

// console.log(msd+" %%===");

// }).catch((vaar) => {

// console.log(vaar)

// });

async function funcc(){

let msd = await fun();

console.log(msd+"&&&");

msd = await fun();

console.log(msd);

}

funcc();