JavaScript Today Command Date : 23/11/2021

Function

1) function showSum(firstNumber , SecondNumber){

console.log(firstNumber+ SecondNumber)

}

showSum(2, 6);

output: node /tmp/TNmqU2DPjH.js

8

2)let sum = function(a, b){

return a+b;

}

console.log(sum(5,2));

output:node /tmp/TNmqU2DPjH.js

7

3) var sum = (a , b) =>{

return a+b;

}

console.log(sum(12,13));

output: node /tmp/TNmqU2DPjH.js

25

4) var sum = (a , b) => a+b

console.log(sum(12,13));

output: node /tmp/TNmqU2DPjH.js

25

5)function Name(name){

console.log("My name is Sonal" +name);

}

Name("Sonal");

Output:node /tmp/TNmqU2DPjH.js

My name is SonalSonal

6)function showOutput() {

var first=function(){

console.log('Function Experission');

}

}

function first(){

console.log('regular Function');

}first();

showOutput();

output: node /tmp/Jy6O0C2OAw.js

regular Function

7)function showOutput() {

var first=function(){

console.log('Function Experission');

}

}

function first(){

console.log('regular Function');

}first();

showOutput();

function showOutput() {

var first=function(){

console.log('regular Function');

}

}

function first(){

console.log('Function Experission');

}first();

showOutput();

Output: node /tmp/Jy6O0C2OAw.js

Function Experission

Function Experission

8)function showOutput(){

function first(){

console.log('regular Function ');

}

var first=undefined;

first =function(){

console.log('function Experission');

}

first()

}

showOutput();

output:node /tmp/Jy6O0C2OAw.js

function Experission

// for object

9)var obj={}

obj['FirstName']='SONAL';

obj['SecondName']='Shukla';

obj['age']=27;

console.log(obj);

output:node /tmp/Jy6O0C2OAw.js

{ FirstName: 'SONAL', SecondName: 'Shukla', age: 27 }

10)var obj={}

obj['FirstName']='SONAL';

obj['SecondName']='Shukla';

obj['age']=27;

alert(obj.age);

obj['showName']=function(){

alert('SONAL');

}

console.log(obj);

obj.showName();

delete obj.showName;

console.log(obj);

output:node /tmp/Jy6O0C2OAw.js

27

{ FirstName: 'SONAL',

SecondName: 'Shukla',

age: 27,

showName: [Function] }

SONAL

{ FirstName: 'SONAL', SecondName: 'Shukla', age: 27 }

11)var obj={

firstName:'Sonal',

secondName :' Shukla ',

age:27

}

for(var key in obj){

console.log(key);

}

Output node /tmp/Jy6O0C2OAw.js

firstName

secondName

age

12)var obj={

firstName:'Sonal',

secondName :' Shukla ',

age:27

}

var objNew=obj;

console.log(objNew);

output:node /tmp/Jy6O0C2OAw.js

{ firstName: 'Sonal', secondName: ' Shukla ', age: 27 }

13)var obj={

firstName:'Sonal',

secondName :' Shukla ',

age:27

}

var objNew=obj;

objNew.firstName='DHANASHRI'

console.log(objNew);

console.log(obj);

output:node /tmp/Jy6O0C2OAw.js

{ firstName: 'DHANASHRI', secondName: ' Shukla ', age: 27 }

{ firstName: 'DHANASHRI', secondName: ' Shukla ', age: 27 }

14)var obj={

firstName:'Sonal',

secondName :' Shukla ',

age:27

}

var objNew=obj;

objNew.firstName='DHANASHRI'

console.log(objNew==obj);

console.log(objNew===obj);

output: node /tmp/Jy6O0C2OAw.js

true

true

15)var obj={

firstName:'Sonal',

secondName :' Shukla ',

age:27

}

var objNew={

firstName:'Sonal',

secondName:'Shukla',

}

console.log(objNew==obj);

console.log(objNew===objNew);

output:node /tmp/Jy6O0C2OAw.js

false

true

16)var obj={

firstName:'Sonal',

secondName :' Shukla ',

age:27

}

var objNew={

firstName:'Sonal',

secondName:'Shukla',

age:27

}

console.log(objNew===objNew);

Output:node /tmp/Jy6O0C2OAw.js

True

17)var obj={

firstName:'Sonal',

secondName :' Shukla ',

age:27

}

var objNew=obj;

objNew.FirstName ='Nado'

console.log(obj);

console.log(objNew);

Output:node /tmp/Jy6O0C2OAw.js

{ firstName: 'Sonal',

secondName: ' Shukla ',

age: 27,

FirstName: 'Nado' }

{ firstName: 'Sonal',

secondName: ' Shukla ',

age: 27,

FirstName: 'Nado' }

18) for (let i=0;i=i+1;i++)

if(i<100)

{

console.log(i);

}

Output=node /tmp/nIYi1KaERL.js

1

3

5

7

9

19) for (let i=1;i=i+1;i++)

if(i<=20)

{

console.log(i);

}

Output: node /tmp/nIYi1KaERL.js

2

4

6

8

10

12

14

16

18

20

20) for (let i=1;i=i+2;i++)

if(i<=30)

{

console.log(i);

}

Output: node /tmp/nIYi1KaERL.js

3

6

9

12

15

18

21

24

27

30

21) let i=0

while(i<=10)

{

console.log(i);

i++

}

node /tmp/nIYi1KaERL.js

0

1

2

3

4

5

6

7

8

9

10

22) let i=1

while(i<=30)

{

i=i+2;

console.log(i);

i++

}

Output: node /tmp/nIYi1KaERL.js

3

6

9

12

15

18

21

24

27

30

23) i=1

while(i<=110){

i=i+10;

console.log(i);

i++;

}

Output: node /tmp/nIYi1KaERL.js

11

22

33

44

55

66

77

88

99

110

24) function Person(name, age){

this.name=name,

this.age=age;

}

var firstPerson=new Person('Sonal',20);

console.log(firstPerson);

Output: node /tmp/nIYi1KaERL.js

Person { name: 'Sonal', age: 20 }

25)let a1=[25,56,73,21]

console.log(a1.length);

for(var i=0;i<a1.length;i++)

{

console.log(a1[i]);

}

Output:node /tmp/2iggBwTIBZ.js

4

25

56

73

21

26) a1=[25,56,73,21]

console.log(a1.length);

for(var i=a1.length;i>=0;i--)

{

console.log("The index of element:"+i+" Element is:"+a1[i]);

}

Output: node /tmp/2iggBwTIBZ.js

4

The index of element:4 Element is:undefined

The index of element:3 Element is:21

The index of element:2 Element is:73

The index of element:1 Element is:56

27)function Person ()

{

this.name='Java',

this.age=50;

}

var Person2=new Person();

console.log(Person2);

Output: node /tmp/2iggBwTIBZ.js

Person { name: 'Java', age: 50 }

28) function Person (a,b)

{

this.name=a,

this.age=b;

}

var Person2=new Person('Sonal' , 50);

console.log(Person2);

Output:node /tmp/2iggBwTIBZ.js

Person { name: 'Sonal', age: 50 }

29)function Person (a,b)

{

this.name=a,

this.age=b;

}

var Person2=new Person('Sonal' , 50);

var Person3=new Person('Dhanashri', 23)

console.log(Person2);

console.log(Person3);

Output:node /tmp/2iggBwTIBZ.js

Person { name: 'Sonal', age: 50 }

Person { name: 'Dhanashri', age: 23 }

30)class Person

{

constructor(name , age , countary){

this.name=name;

this.age=age;

this.student="Yes";

}

}

var Person1=new Person("nav", 24, "India");

var Person2=new Person("age",21, "UK");

console.log(Person1);

console.log(Person2);

Output:node /tmp/2iggBwTIBZ.js

Person { name: 'nav', age: 24, student: 'Yes' }

Person { name: 'age', age: 21, student: 'Yes' }