**Reference type(object type)**

**var obj={};**

undefined

**typeof obj;**

"object"

**obj instanceof Object;**

true

**typeof Object**

"function"

**obj.id=100;**

100

**obj.name="amit"**

"amit"

**obj.address="delhi"**

"delhi"

**obj;**

{id: 100, name: "amit", address: "delhi"}

**obj.id**

100

**var key="id"**

undefined

**obj[key]**

100

**key="name"**

"name"

**obj[key]**

"amit"

**obj.name**

"amit"

**obj.key**

undefined

**for(var key in obj){}**

undefined

**for(var key in obj){**

**console.log(obj[key]);**

**}**

VM391:2 100

VM391:2 amit

VM391:2 delhi

undefined

**for(var key in obj){**

**console.log(key+""+values)}**

VM510:2 idfunction values(object) { [Command Line API] }

VM510:2 namefunction values(object) { [Command Line API] }

VM510:2 addressfunction values(object) { [Command Line API] }

undefined

**for(var key in obj){**

**console.log(key+""+obj[key])}**

VM557:2 id100

VM557:2 nameamit

VM557:2 addressdelhi

undefined

**delete obj.address**

true

**obj**

{id: 100, name: "amit"}

**Array**

**var t=[10,20,30,40,50]**

undefined

**typeof t**

"object"

**t instanceof Array**

true

**typeof Array**

"function"

**t instanceof Object**

true

**var r=["amit",10,true,{id:100},[10,20,[90,100]]]**

undefined

r

**var m=new Array();**

undefined

**var m=new Array(10,20,30);**

undefined

m.length

3

**typeof m**

"object"

**m instanceof Array**

true

**var n=[10,20,30]**

undefined

**var n2=[1,2,3]**

undefined

**var hh=[n,n2]**

undefined

**hh**

*(2) [Array(3), Array(3)]*

* 1. 0: (3) [10, 20, 30]
  2. 1: (3) [1, 2, 3]

**var n3 = [...n,...n2];**

**n3**

(6) [10, 20, 30, 1, 2, 3]

**n3.length**

6

**n3.length=0;**

0

**n3**

[]

**var arr = [10,20,30,40,50];**

undefined

**for(let i = 0; i<arr.length; i++){**

**console.log(arr[i]);**

**}**

VM257:2 10

VM257:2 20

VM257:2 30

VM257:2 40

VM257:2 50

Undefined

**Function**

**function add(){**

**console.log("i am add");**

**}**

undefined

**typeof add**

"function"

**add(10,20)**

VM1007:2 i am add

Undefined

**add([10,20,30],"amit",true)**

VM1007:2 i am add

Undefined

**var m=add**

undefined

**m()**

VM1007:2 i am add

Undefined