

Javascript

4. Variable :- variable ka naam.

let ^{keyword} ^{variable} name = "Rohit";
console.log(name);

or. let name = "Rohit";
let age = 20;
~~let~~ age = 30;
console.log(name, age)

Output.

Rohit, 20 ✓

Rohit 30 ✓

Another method.

const account = 1234;
account = 23;

Rohit, 1234, ✓

but

Rohit 23 ✗.

console.log(account);

Note:- let keyword ke ander kisi bhi variable ko change kar sakte hai.

but,

const keyword ke ander nhi kar sakte → error dega.

5. Data-Types:-

Primitive datatype

() numbers, string, boolean, undefined, null, ~~bigint~~, ^{bigint} symbol.

Non-Primitive data types.

() array, object, function

→ number.

```
let a = 10 ;  
console.log(a);
```

→ String

```
let c = "Rohit";  
console.log(c);
```

→ boolean

```
let login = true ;  
let F = false ;
```

```
console.log(login, F);
```

→ Undefined :-

```
let user ;  
console.log(user);
```

} ^{output} undefined:-.

→ bigint.

```
let num = 23216245321678n;  
console.log(num);
```

→ null :-

```
let weather = (null);  
console.log(weather);
```

↳ ~~but~~ kuch bhi return nhi karrega.

→ Symbol:

```
const id1 = Symbol("id");  
console.log(id1);
```

* Non-primitive ↵,

→ array:

```
let arr = [10, 20, 11, "Rohit", true];  
console.log(arr);
```

* Create object from:-

```
let user = {  
  name: "Rohit",  
  account: 12312,  
  age: 18,  
  category: "general"  
}
```

Function:-

```
function add() {  
  console.log("Hello");  
}  
add();
```

Is ~~me~~ me kisi function ko kisi variable ke under store kar sakte hai.

```
let s = function add() {  
  console.log("Hello");  
}  
console.log(s); or s();
```

don't se
function call ho jayega.

Note:-

primitive data types ~~are~~ are not mutable i.e
wo change nhi ho sakte.

ex:-

```
let str = "Rohit";  
str = "Mohan";  
console.log(str);
```

output:-
(Mohan)

but

Non-primitive data types are mutable i.e
wo change ho sakte hai.

ex:-

```
let arr = [10, 20, 30, 40];  
arr.push(90);  
arr[0] = 70;  
console.log(arr);
```

Output:-
arr = [10, 20, 30, 40, 90]
arr = [70, 20, 30, 40, 90]

ex:-

```
let obj = {
```

```
  name: "Mohan",
```

```
  age: 20
```

```
}
```

```
obj.name = "Rohan";
```

```
console.log(obj);
```

Output:

name: Rohan

age: 20