

Undefined is a special keyword in javascript and 'undefined' != not defined. Javascript is loosely typed language (weakly typed language).

episode
06

Undefined vs not defined

undefined → special keyword in javascript

code

```
console.log(a);  
var a = 7;  
console.log(a);  
console.log(x);
```



Undefined
7

x is not defined



code

```
var a;  
console.log(a);  
if (a === undefined) {  
    console.log("a is undefined");  
}  
else {  
    console.log("a is not undefined");  
}
```



undefined
a is undefined

code

```
var a;  
console.log(a);  
a = 10;  
if (a === undefined) {  
    console.log("a is undefined");  
}  
else {  
    console.log("a is not undefined");  
}
```



undefined
a is not undefined

→ or weakly type language

No.

Date

[javascript is loosely typed language because it does not attaches any variable to any particular data type.]

example :-

[javascript is very flexible]



code {
var a;
console.log(a);
a=10;
console.log(a);
a="hello";
console.log(a);

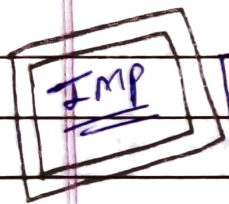


undefined

10 ← holding numbers

hello ← holding string

[this is loosely typed]

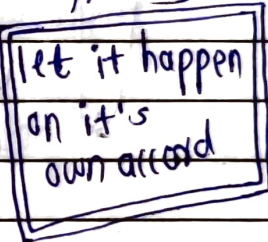


Don't do this

var a = undefined;
console.log(a);

← Bad practise

→ undefined



[Undefined acts as a placeholder for variables until they are assigned any value in them.]

[Many developers assume that undefined is exactly same as not defined, but that's not true. undefined is a value in javascript and in fact, it also takes up memory space.]