

# ☰ undefined vs not defined in JS 🤔 | Namaste JavaScript Ep. 6



127.0.0.1:5500

Press **esc** to exit full screen

index.html

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Namaste 🙏 JavaScript

Paused in debugger

Elements Console Sources Network

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> a  
< undefined

Just like a placeholder

js > JS index.js

1 var a =7;

# Namaste 🙏 JavaScript

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undefined index.js:1

Uncaught ReferenceError: x is not defined  
at index.js:4

JS index.js x index.html

```
js > JS index.js
1 console.log(a);
2 var a =7;
3 |
4 console.log(x);
```



# Namaste 🙏 JavaScript

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undefined index.js:1

7 index.js:4

> |

JS index.js x index.html

```
js > JS index.js
1 console.log(a);
2 var a =7;
3
4 console.log(a);
```



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undefined index.js:4

a is undefined index.js:7

> |

JS index.js ✕ <> index.html

```
js > JS index.js
1
2   var a;
3
4   console.log(a);
5
6   if(a === undefined) {
7     console.log("a is undefined")
8   }
9   else {
10    console.log("a is not undefined");
11  }
```



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undefined index.js:4

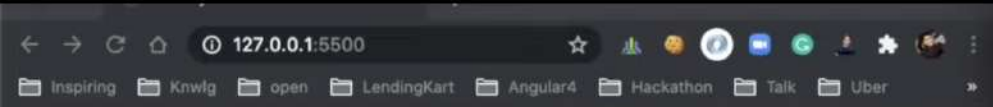
a is not undefined index.js:11

JS index.js x index.html

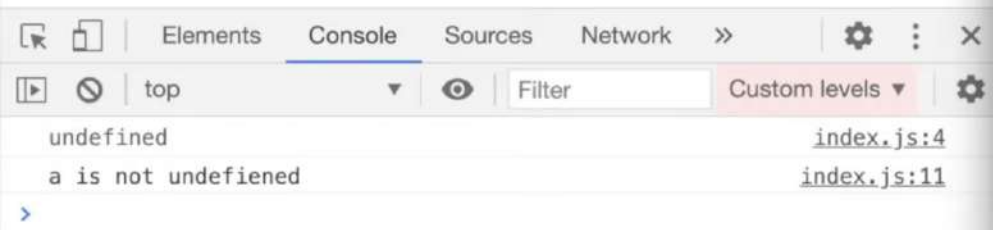
```
js > JS index.js
1
2   var a;
3
4   console.log(a);
5   a =10;
6
7   if(a === undefined) {
8       console.log("a is undefined")
9   }
10  else {
11      console.log("a is not undefiened");
12  }
```



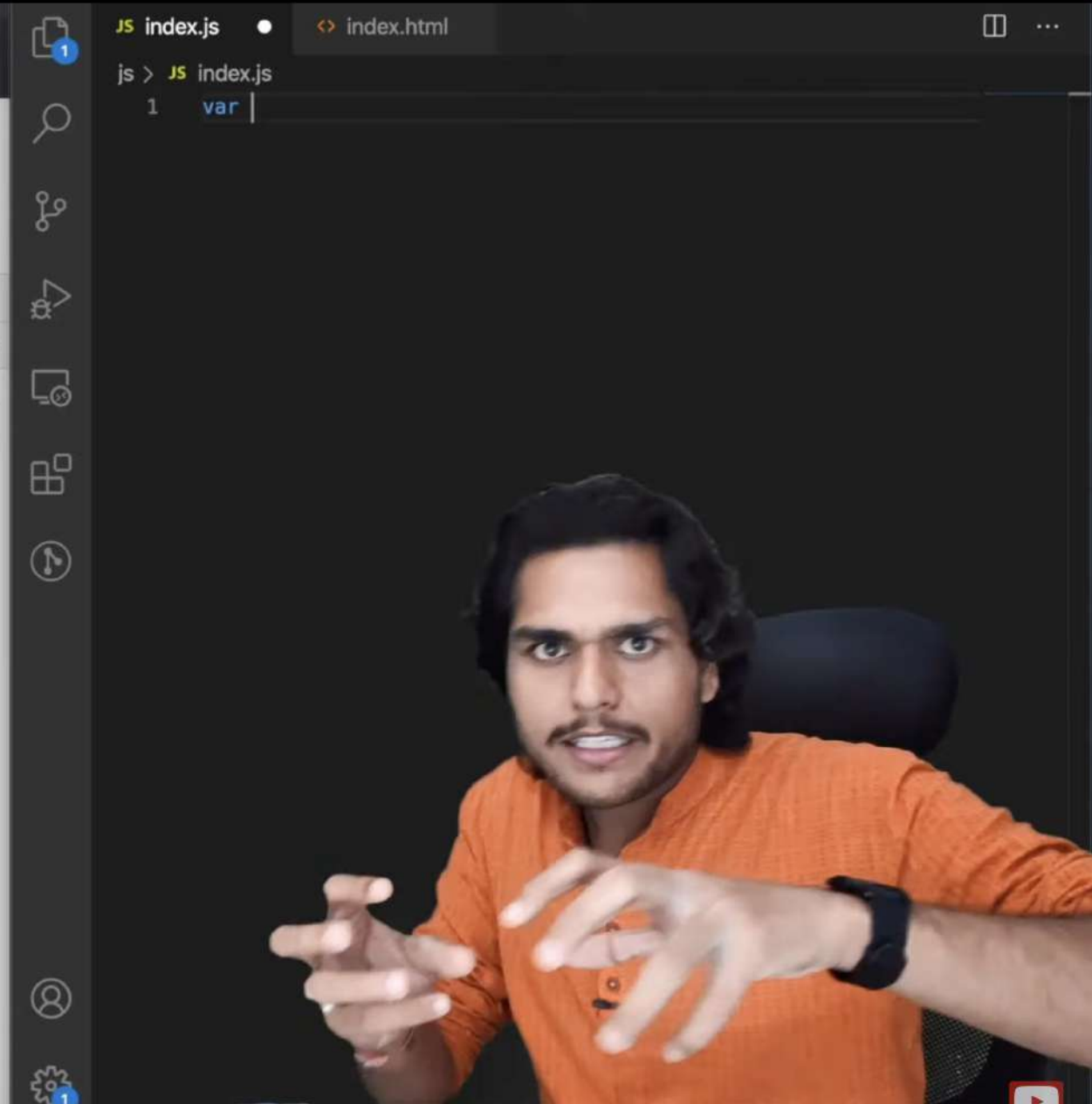




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JavaScript is a loosely type language that is it does not stick it's variable with a specific data type



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undefined	index.js:2
10	index.js:4
hello world	index.js:6
undefined	index.js:9

>

Should not use undefined for a variable and let the keyword be used for the purpose it is created for.

JS index.js ✕ <> index.html

```
js > JS index.js
1  var a;
2  console.log(a);
3  a=10;
4  console.log(a);
5  a = "hello world";
6  console.log(a);
7
8  a = undefined;
9  console.log(a);
```

