

What is Hoisting in JavaScript?



Hoisting is a JavaScript mechanism where variables, function declarations and classes are moved to the top of their scope before code execution.

Remember that JavaScript only hoists declarations, not initialisation.

Example




```
1 console.log(name); // Error: Undefined
2 var name = 'Zain Sadaqat'; // name has been hoisted
```

The above code looks like as below to the interpreter



```
1 var name;
2 console.log(name);
3 name = 'Zain Sadaqat';
```

In the same fashion, function declarations are hoisted too



```
1 myName('Zain Sadaqat');  
2  
3 function myName(name) {  
4     console.log(name);  
5 }
```

This hoisting makes functions to be safely used in code before they are declared.

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