# What is Temporal Dead Zone in JavaScript?

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In JavaScript, the **Temporal Dead Zone (TDZ)** is a period within a lexical scope where a variable exists but is in an uninitialized state.

This occurs specifically with variables declared using the **let** and **const** keywords, but not with **var**.
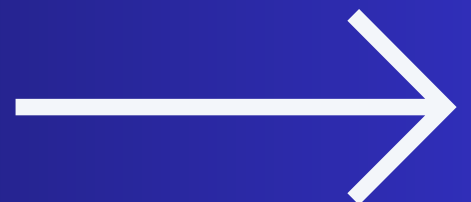
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When using **let** and **const**, if you attempt to access a variable in the **TDZ**, you'll get a **ReferenceError**.

```javascript
console.log(x);   // ReferenceError: x is not defined
let x = 10;
```

With **var**, variables are also hoisted, but they are initialized with the value **undefined**.

```javascript
console.log(x) // undefined
var x = 5
```

To avoid the **Temporal Dead Zone**, it's important to always declare your variables before using them