

## Differences Between `let`, `const`, and `var` in JavaScript

### Scope

**var**: Function-scoped. If declared inside a function, it is accessible within that function. It is not block-scoped.

**let**: Block-scoped. It is only accessible within the block, statement, or expression where it is used.

**const**: Block-scoped, similar to `let`, but the value assigned to it cannot be changed (i.e., it is constant).

```
function exampleVar() {  
    if (true) {  
        var x = 10;  
    }  
    console.log(x);    // 10 (accessible outside the if block)  
}  
  
function exampleLet() {  
    if (true) {  
        let y = 10;  
    }  
    console.log(y);    // ReferenceError: y is not defined (not accessible outside  
the if block)  
}  
  
function exampleConst() {  
    const z = 10;  
    z = 20; // TypeError: Assignment to constant variable. }  
}
```

