SCOPE

LET, CONST, & VAR

keyword	local scope	mutable	browsers
`let`	any block	yes	**modern**
`const`	any block	**no**	**modern**
`var`	**function** only	yes	all

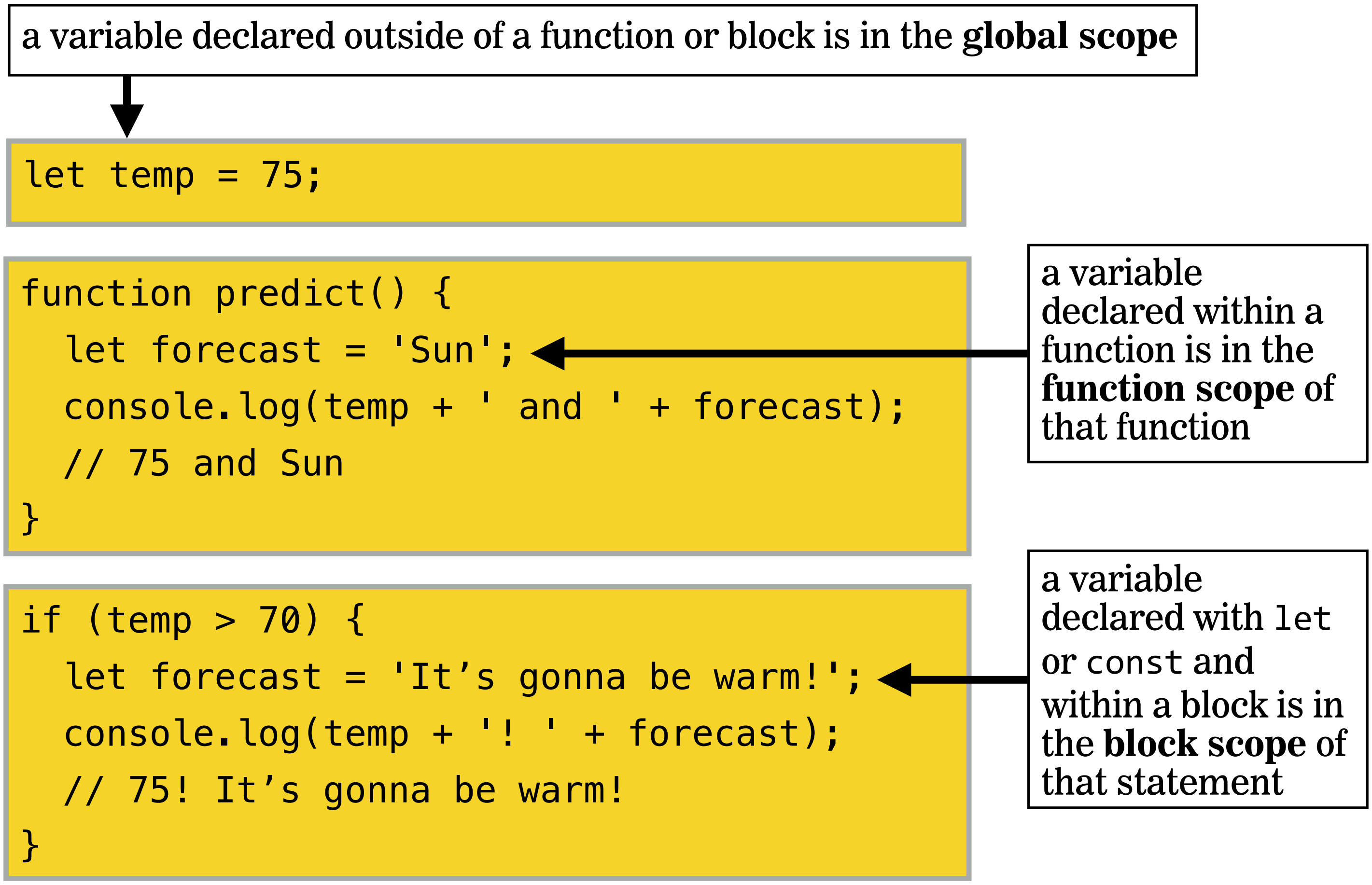
VARIABLES & HOISTING

keyword	what is hoisted?
`let/const`	nothing
`var`	name only

FUNCTIONS & HOISTING

type	what is hoisted?
declaration	name & content
`let/const` expression	nothing
`var` expression	name only

GLOBAL, LOCAL, & BLOCK SCOPE



a variable declared outside of a function or block is in the **global scope**

```
let temp = 75;
```

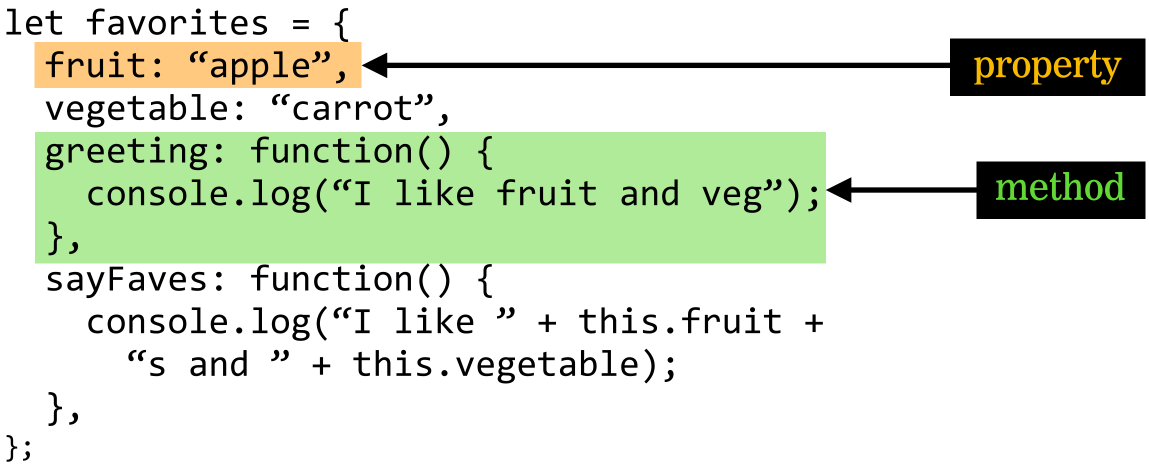
```
function predict() {
  let forecast = 'Sun';
  console.log(temp + ' and ' + forecast);
  // 75 and Sun
}
```

a variable declared within a function is in the **function scope** of that function

```
if (temp > 70) {
  let forecast = 'It’s gonna be warm!';
  console.log(temp + '! ' + forecast);
  // 75! It’s gonna be warm!
}
```

a variable declared with `let` or `const` and within a block is in the **block scope** of that statement

OBJECT SYNTAX



```
let favorites = {
  fruit: “apple”,
  vegetable: “carrot”,
  greeting: function() {
    console.log(“I like fruit and veg”);
  },
  sayFaves: function() {
    console.log(“I like ” + this.fruit +
      “s and ” + this.vegetable);
  },
};
```

property

method