W03 - Object Methods: this

Objects represent entities

```
let user = {
    name: "John",
    age: 30
};
```

A function that is a property of an object is a method.

```
user = {
    sayHi() {
        alert("Hello");
    }
}
```

"this" in methods ← used to access information stored in object

```
let user = {
    name: "John",
    age: 30,
    sayHi() {
        alert(this.name);
    }
};
```

user.sayHi(); // John

"this" is not bound to the object

```
let user = { name: "John" };
let admin = { name: "Admin" };
function sayHi() {
    alert(this.name);
}
user.f = sayHi;
admin.f = sayHi;
user.f(); // alert is "John"
admin.f(); // alert is "Admin"
```

untound "this" allows the function
to be reused for different objects.

Arrow functions do not have their own "this"