

```

let str = "Greetings, ";
let user = {
  firstName: "John",
  lastname: "Smith",
  display: function () {
    console.log(str, this.firstName);
    show("hi");
  }
};

user.display();
function show(msg) {
  console.log(msg + " " + this.lastname);
}

show.call(user, "hello");

```

Output

- Greetings, John
- Hi undefined
- Hello Smith

Lexical environment diagram

1. **Global** EC creation:
outer: null, this: window, LE: [{show: fn}], TDZ{str, user}
2. **Global** EC execution:
outer: null, this: window, LE: [{str: "Greetings, ", user: obj, show: fn}], TDZ{}
3. **user.display** FEC creation:
outer: Global, this: **user**, LE: [{}], TDZ{}
4. **user.display** FEC execution:
outer: Global, this: **user**, LE: [{}], TDZ{}
5. **show** FEC creation
outer: Global, this: window, LE: [{msg: "hi"}], TDZ{}
6. **show** FEC execution
outer: Global, this: window, LE: [{msg: "hi"}], TDZ{}
7. **show** FEC creation

outer: Global, this: **user**, LE: [{ msg: "hello"}], TDZ{}

8. **show** FEC execution

outer: Global, this: **user**, LE: [{msg: "hello"}], TDZ{}