L-22

index.JS. ⟶ Browser ⟶ Js engine.
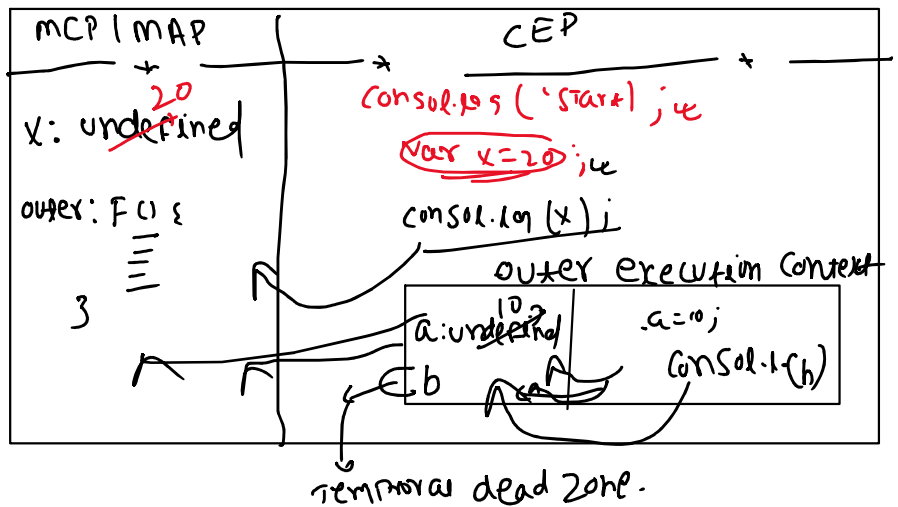
JIT

```
console.log('start');
var x = 20;
function outer(){
    console.log(a);
    var a = 10;
    console.log(a);
    console.log(x);
    console.log(b);
    let b = 30;
    console.log(b);
}
console.log(x);
outer();
console.log(a);
console.log('end');
```

MCP | MAP   **CEP**

X: undefined   20

console.log ('start');

var x=20;

outer: F() {

    ⟶
    ⟶
    ⟶
}

3

console.log (x);

outer execution context

a: undefined   a=10;

b   console.log(b)

Temporal dead zone.

O/P

Start
20
undefined.
10
20

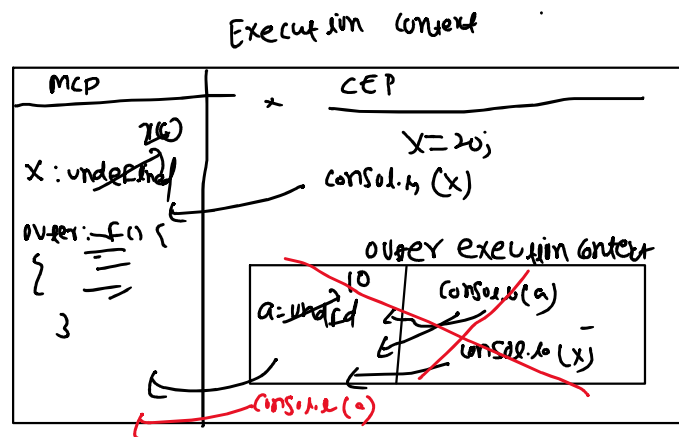Error :⟶ refrence error b can't acces before lt's ll

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```
console.log('start');
var x = 20;
function outer(){
    console.log(a);
    var a = 10;
    console.log(a);
    console.log(x);
    // console.log(p)
}
console.log(x);
outer();
console.log(a);
console.log('end');
```

Execution context

MCP   **CEP**

X: undefined   X=20;

outer: F() {   console.log (x)

    ⟶
    ⟶
}

3

outer execution context

a: undefined   console.log(a)

                console.log (x)

console.log (a)

Start
20
undefined
10
20

refrence error a is not defined

20

refrence Error a is not defined