Day-24(scope for let & const , hof , cb , real time use)
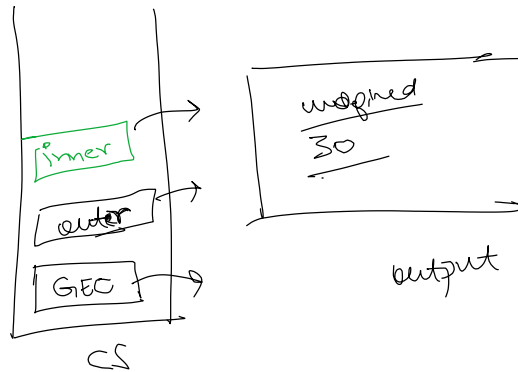
Friday, 6 October 2023   7:51 PM

TA-2   Amit Bhaiya
        96670 06076

TA-1   93686 60084
        Vishal
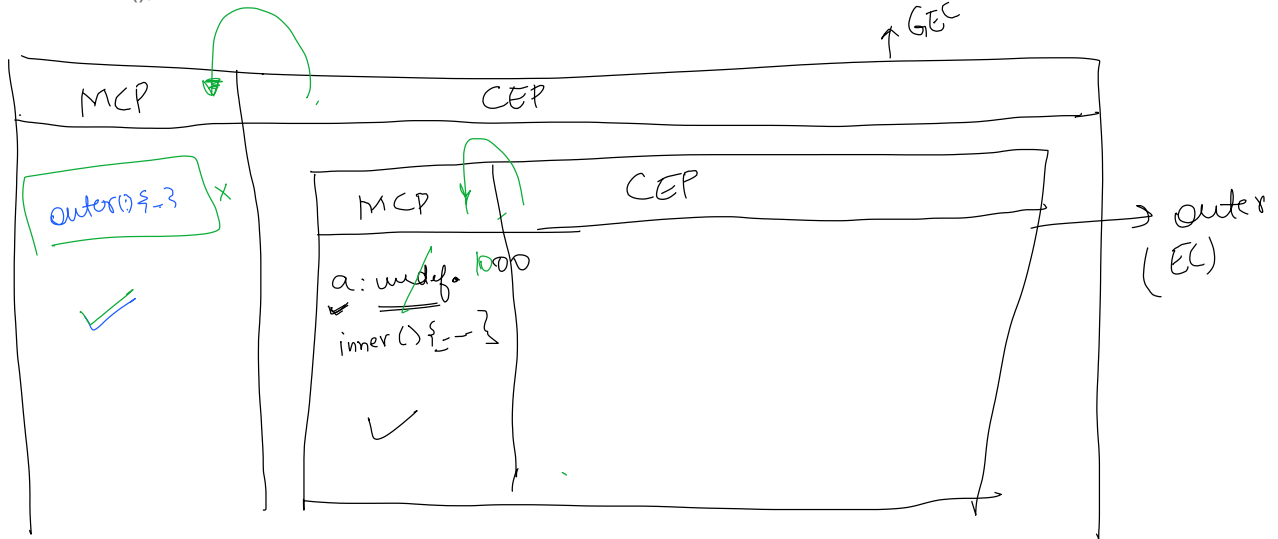
Scopes (cont.)

```
1   function outer(){
2       var a = 10;
3       inner();
4       function inner(){
5           console.log(a)
6           var a = 30;
7           console.log(a)
8       }
9       var  a = 1000;
10  }
11
12  outer();
```

inner
outer
GEC

CS

undefined
30

output

LE = LM + LEP

↑GEC

MCP	CEP

outer(){--} X

✓

MCP	CEP

a: undef. 1000
inner(){--}

✓

→ outer
  (EC)

'sam' , 100 , bhaukaal → true

```javascript
function getBoolean(item){ //cb
    return typeof(item)=== 'boolean'
}
```
→ fn ✓

```javascript
function get(arr , fn){ //hof
    let res = [];
    for(let item of arr){
        if(fn(item)){         → false ✓
            res.push(item);       ✗
        }
    }
    return res;      ✓
}
```

get

item → sam
    → 100

let arr = ['sam' , 100 , 'bhaukaal', true , 400 , false]

2   3   4   5   ✗   ✓ ←

console.log(get(arr , getBoolean)) ;

[true , false] ; ✓

clg (res) →