Currying and Passbyvalue, passByReference

12 August 2023 20:05

```
function add(value){
   if(typeof value=='undefined') return 0;
   function inner(nextvalue){
       if(typeof nextvalue=="undefined"){
           return value;
       }
       value+=nextvalue;
       return inner;
   }
   return inner;
}
```

value = ~~1~~ ~~3~~ ~~6~~ ~~10~~ ~~15~~ 21

```
console.log(add(1)(2)(3)(4)(5)(6)())
```

inner(2)(3)(4)(5)(6)();

inner(3)(4)(5)(6)()

inner(4)(5)(6)()

inner(5)(6)()

inner(6)()

inner()

21

x, y, z

10 20 undefined

```
function update(a,b,c){
    c=a+b;
}
let a=10,b=20,c;
update(a,b,c);
console.log(c);
```

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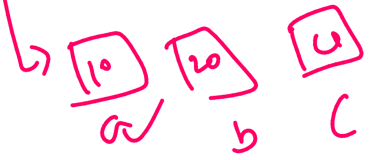

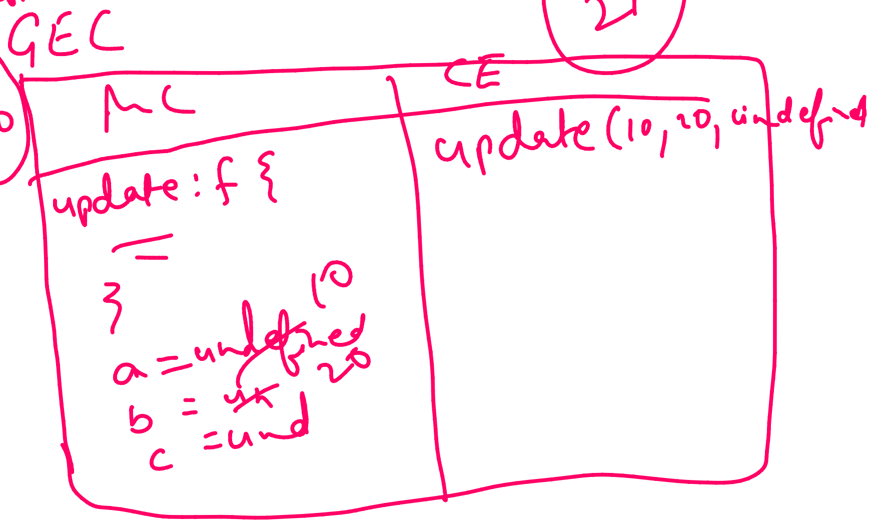

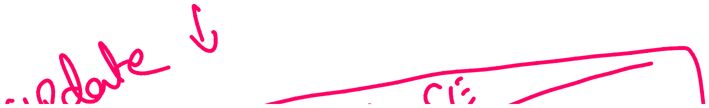

update ↓

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