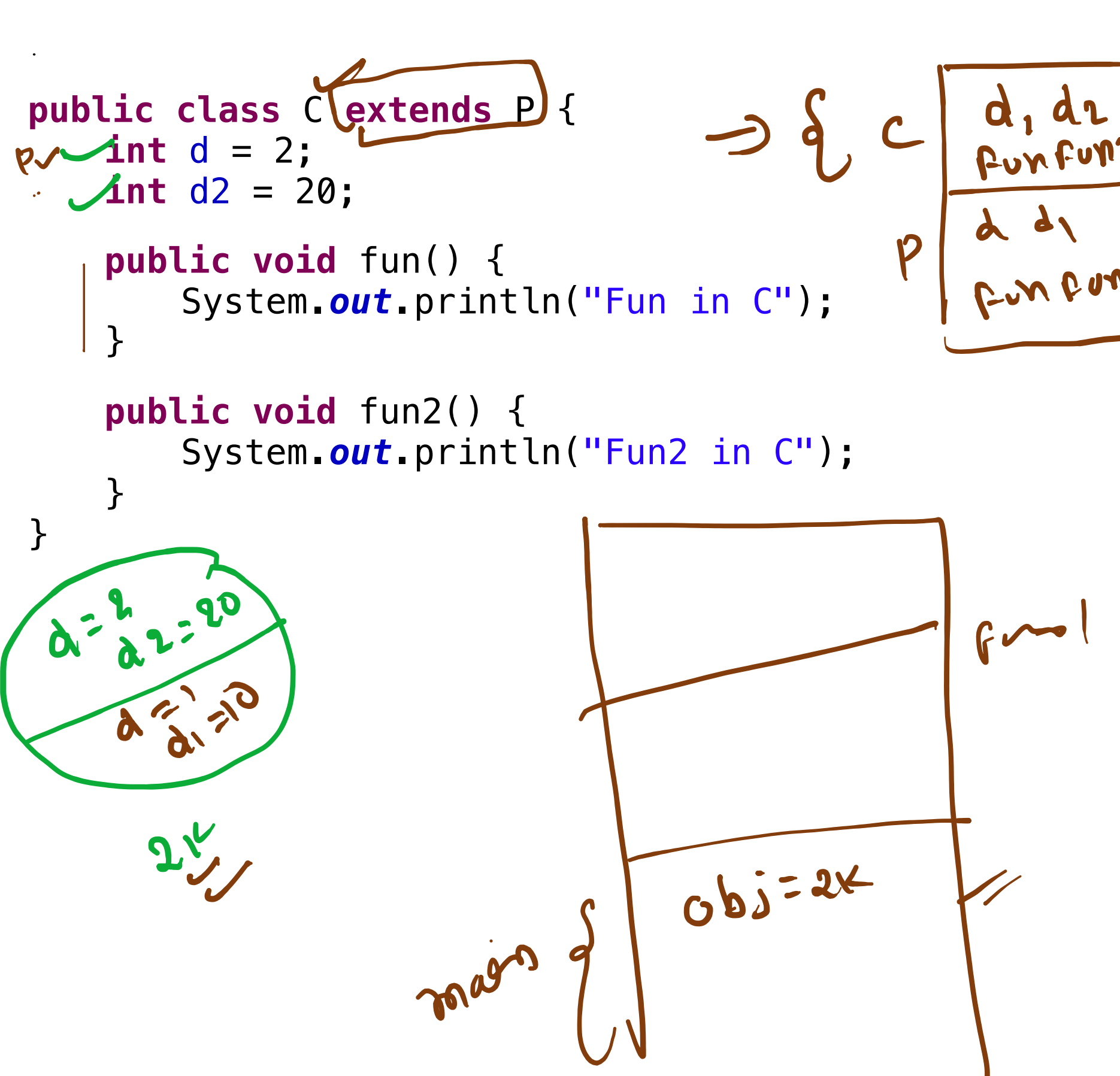


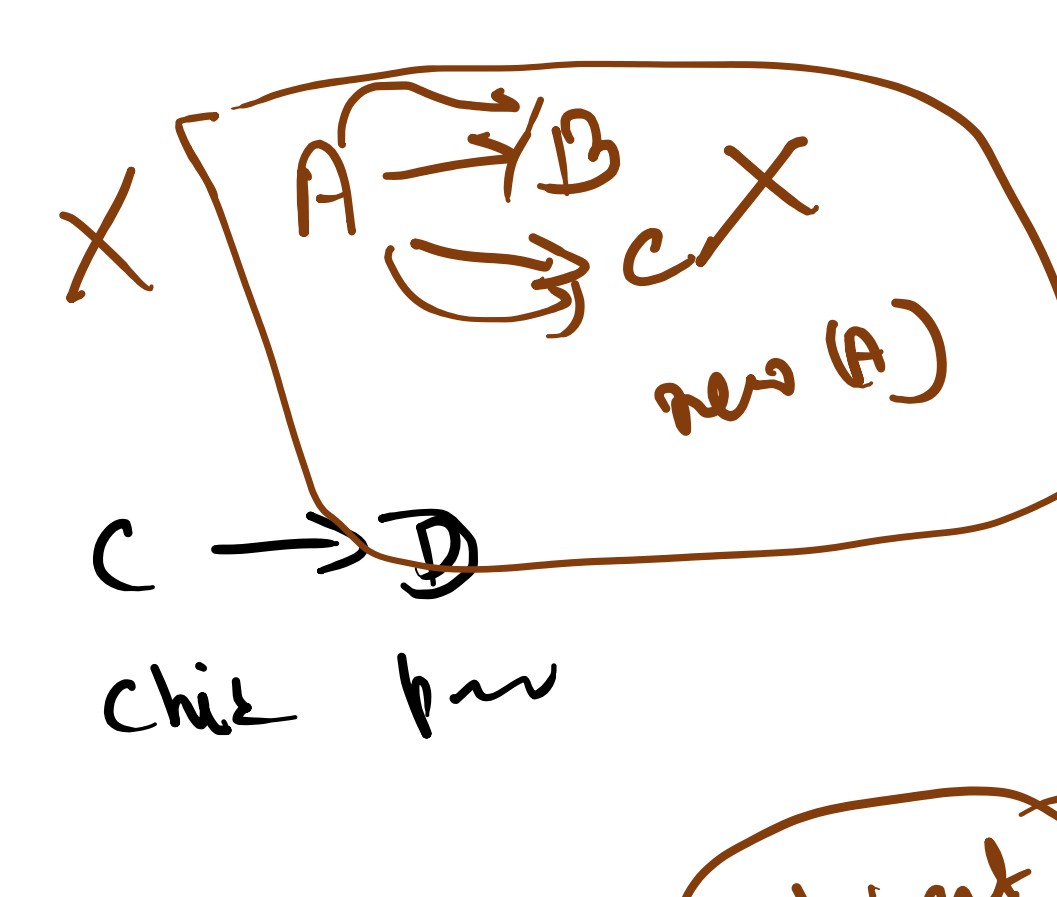
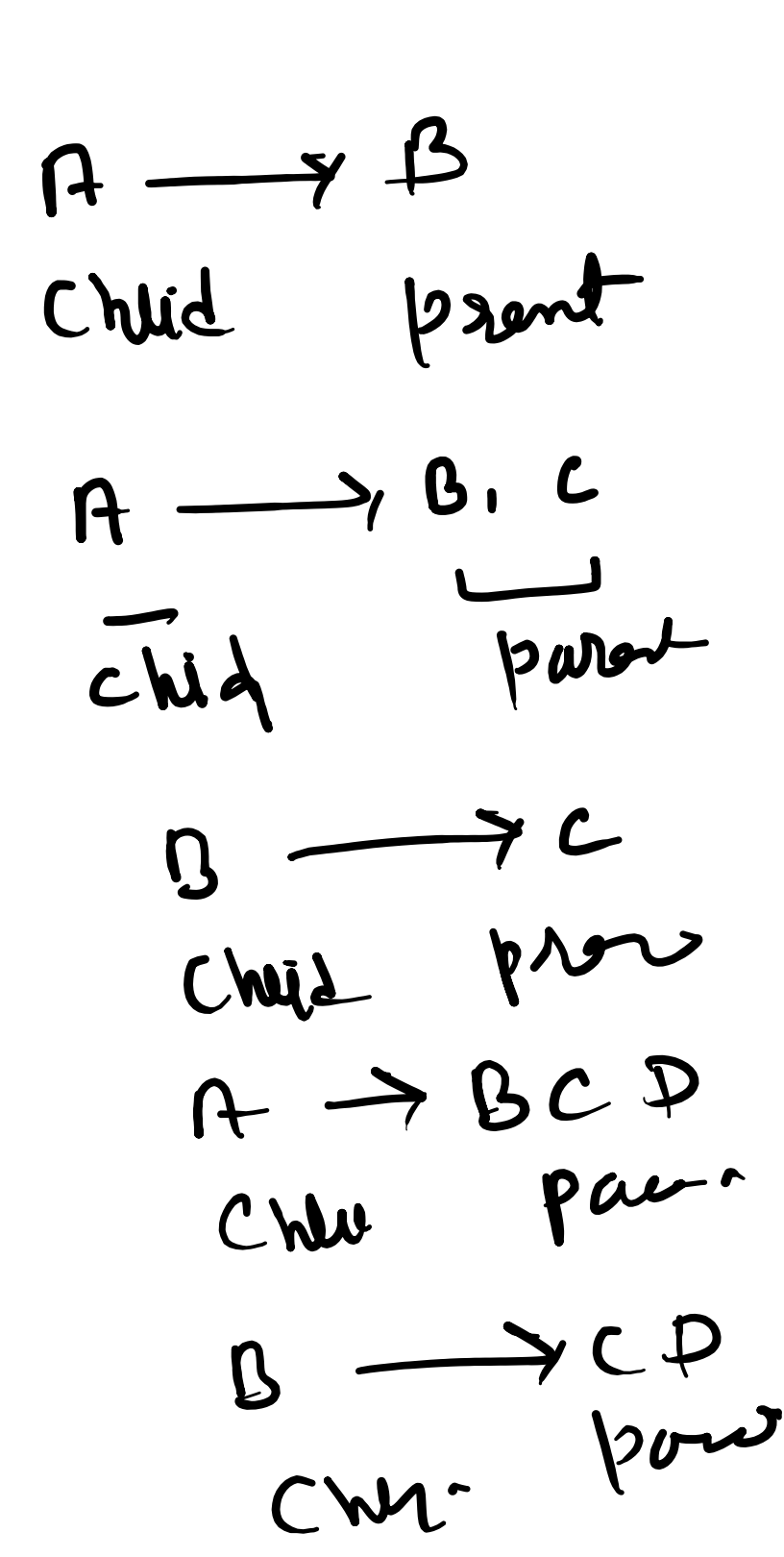
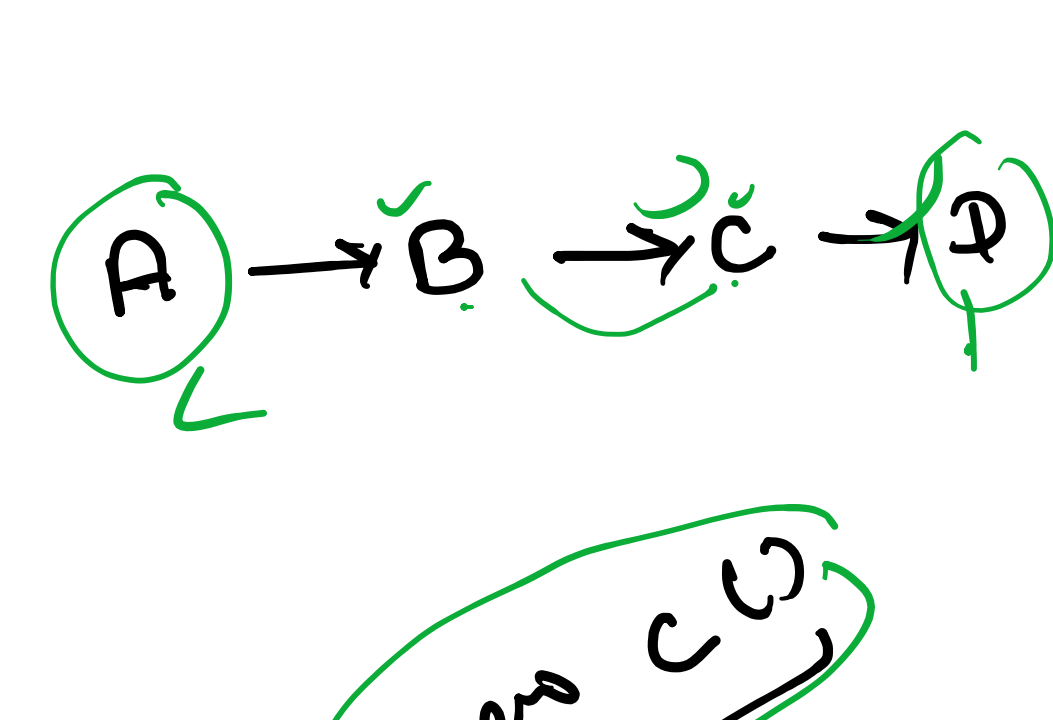
```
public static void main(String[] args) {  
    P obj = new C();  
    System.out.println(obj.d); // 1  
    System.out.println(obj.d1); // 10  
    System.out.println(((C) obj).d2); // 20  
    System.out.println(((C) obj).d); // 2  
    obj.fun(); // C  
    obj.fun1();  
    ((C) obj).fun2();  
}
```

```
public class P {  
    int d = 1;  
    int d1 = 10;  
    public void fun() {  
        System.out.println("Fun in P");  
    }  
    public void fun1() {  
        System.out.println("Fun1 in P");  
    }  
}
```



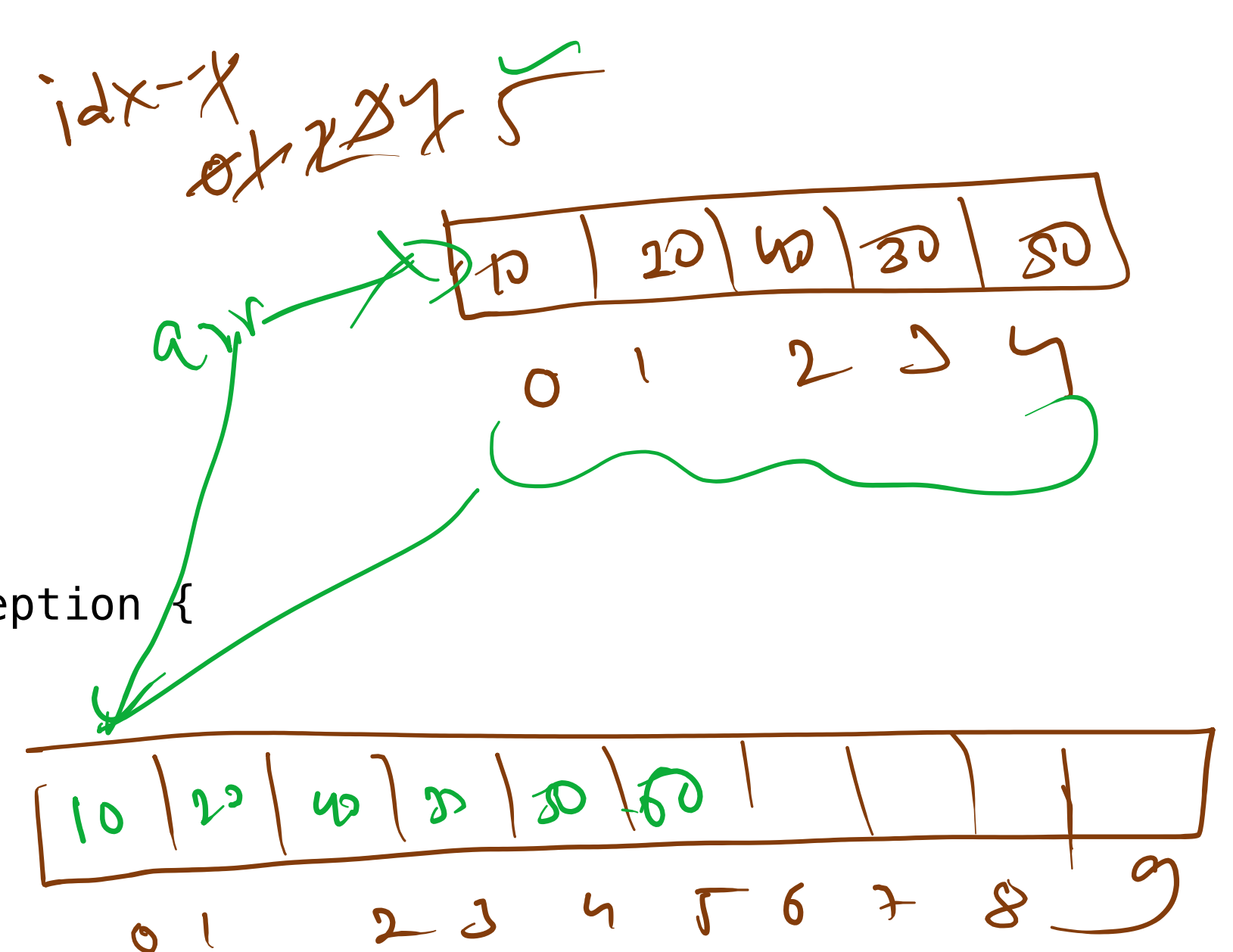
```
// 3. case  
C obj = new P();  
System.out.println(obj.d); // 1  
System.out.println(obj.d1); // 10  
System.out.println(((C) obj).d2); // 20  
System.out.println(((C) obj).d); // 2  
obj.fun(); // C  
obj.fun1();  
obj.fun2();
```

→ D → C → D

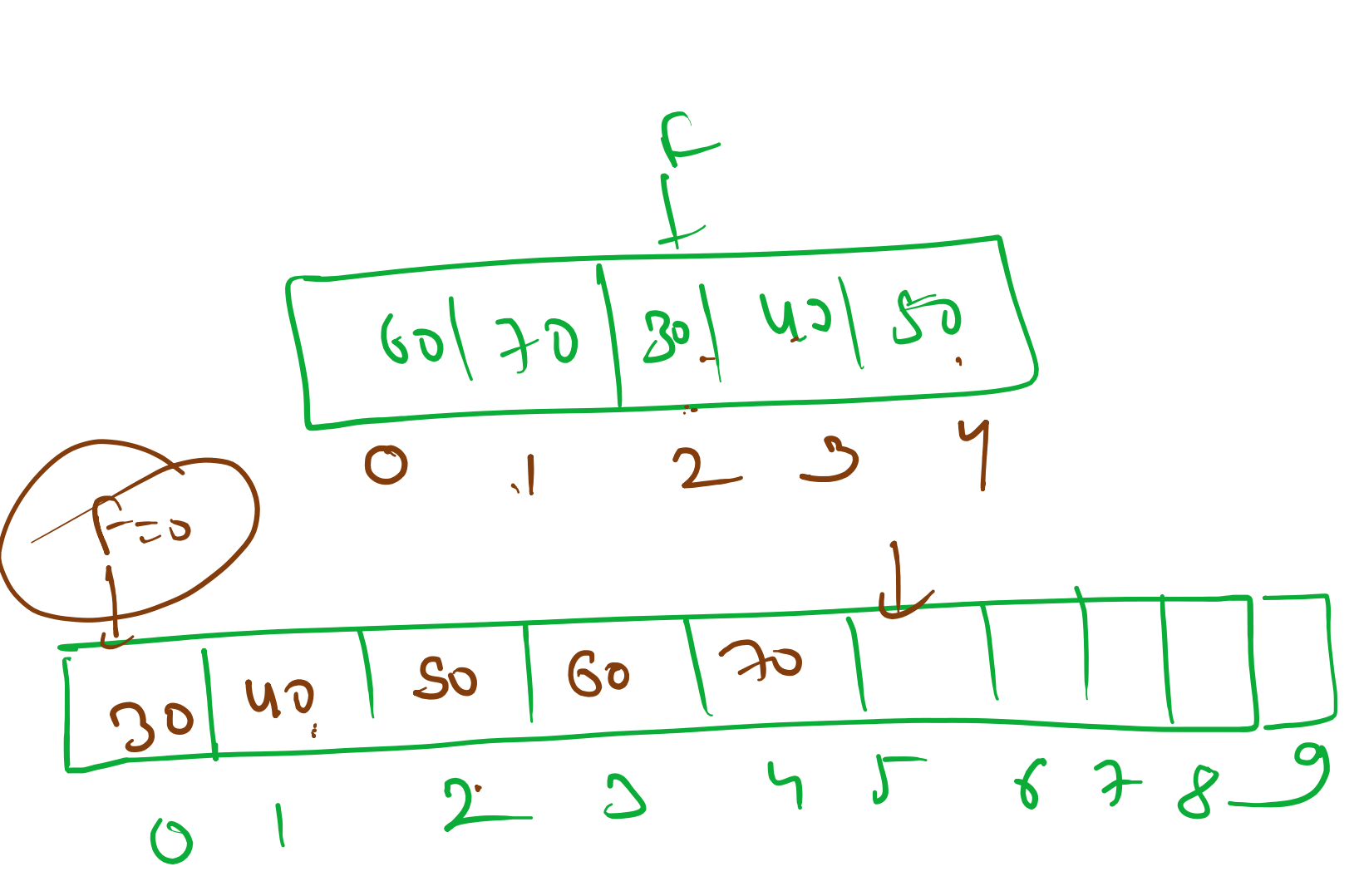


```
@Override  
public void push(int item) throws Exception {  
    if (isFull()) {  
        super.push(item); // child  
    }  
}
```

```
public static void main(String[] args) throws Exception {  
    DynamicStack ds = new DynamicStack();  
    ds.push(10);  
    ds.push(20);  
    ds.push(40);  
    ds.push(30);  
    ds.push(50);  
    ds.Display();  
    ds.push(60);  
    ds.Display();  
}
```



```
@Override  
public void Enqueue(int item) throws Exception {  
    if (isFull()) {  
        int[] new_arr = new int[2 * arr.length];  
        super.Enqueue(item);  
    }  
}
```

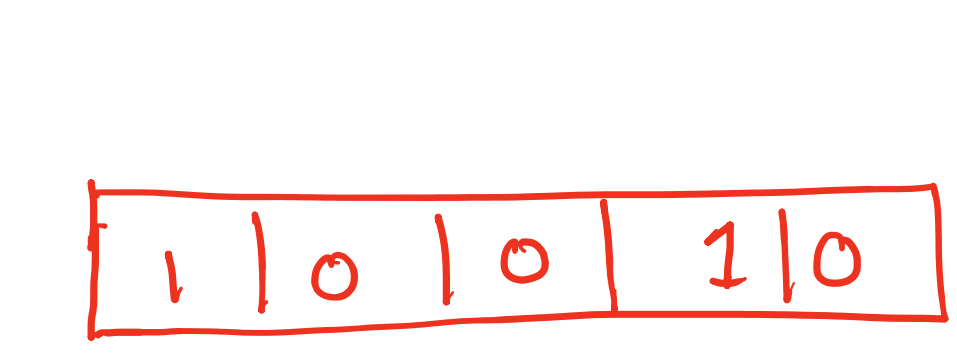
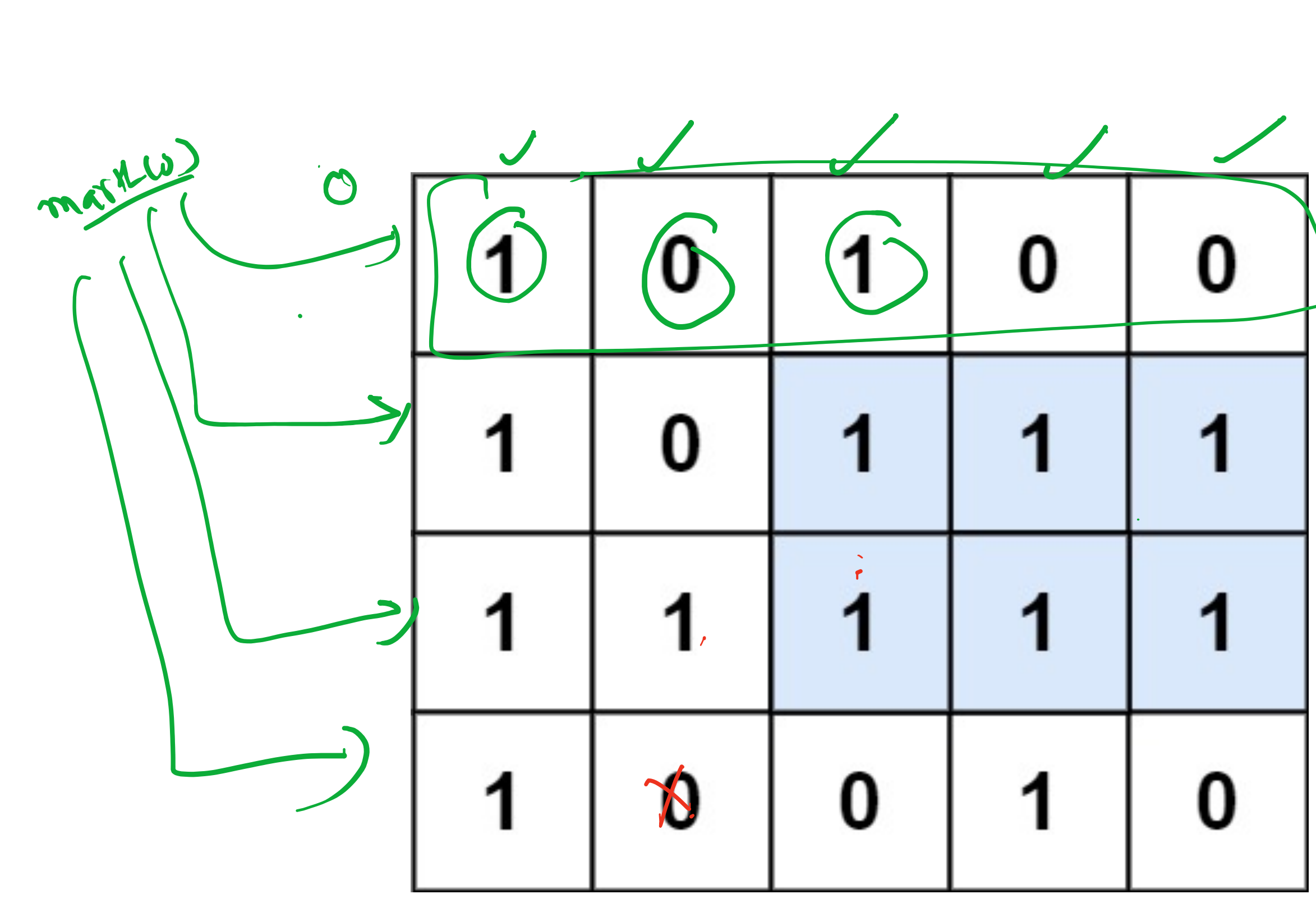


idx = (f+1) % arr.length

new arr = new arr[idx]

F+1
2+0 = 2
2+1 = 3
2+2 = 4
(2+3) % 5 = 0
idx

arr[arr.length] = arr[2]
arr[arr.length] = arr[3]
arr[2] = arr[4]
arr[3] = arr[5]
arr[4] = arr[6]



ans = 6

```
int ans = 0;  
for (int i = 0; i < matrix.length; i++) {  
    for (int j = 0; j < matrix[0].length; j++) {  
        if (matrix[i][j] == '1') {  
            arr[j]++; // arr[j] = arr[j] + 1;  
        } else {  
            arr[j] = 0;  
        }  
    }  
    ans = Math.max(ans, largestArea(arr));  
}
```

System.out.println(ans);

i=0
j=0

i=1
j=0

i=2
j=0

i=3
j=0

