

App Development Pattern :

Multiple Buttons with a Shared Object

```
class MultipleButtonActivity {
```

```
    buttonIncrementClicked (...) {
```

```
        Counter c = new Counter();
```

```
        c.increment();
```

```
    }  
    buttonDecrementClicked (...) {
```

```
        Counter c = new Counter();
```

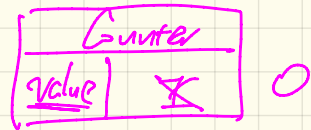
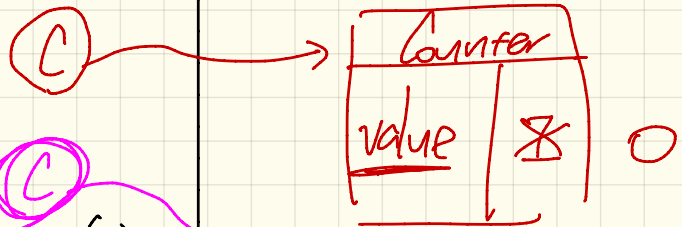
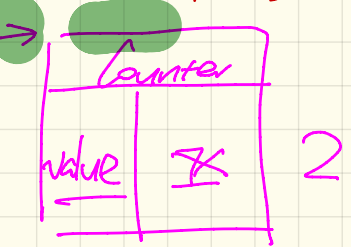
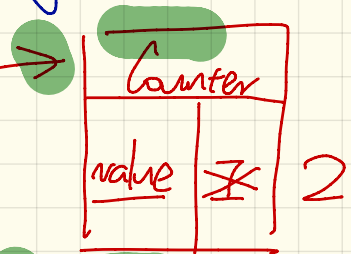
```
        c.decrement();
```

```
    }  
    buttonResetClicked (...) {
```

```
        Counter c = new Counter();
```

```
    }
```

Wrong Version



```
class MultipleButtonActivity {
```

Counter C

```
onCreate (...) {
```

```
C = new Counter();
```

```
button.IncrementClicked (...) {
```

```
C.increment();
```

```
button.DecrementClicked (...) {
```

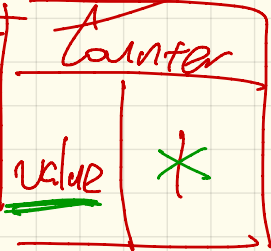
```
C.decrement();
```

```
button.ResetClicked (...) {
```

```
C = new Counter();
```

Correct Version

```
Counter @ 5390
```



C

Counter @ 5651

