

2. Inconsistent Retrieval Problem

Transaction T1

```
x = getSeats(ABC123);  
y = getSeats(ABC789);  
write(x-5, ABC123);
```

```
// ABC123 = 5 now
```

```
write(y+5, ABC789);
```

```
commit
```

Transaction T2

```
x = getSeats(ABC123);
```

```
y = getSeats(ABC789);
```

```
print("Total:" x+y);
```

```
// x = 5, y = 15
```

```
commit
```

```
// Prints "Total: 20"
```

At Server:

ABC123 = 10

ABC789 = 15

**T2's sum is the wrong value!
Should have been "Total: 25"**