

1. Lost Update Problem – Caught!

Transaction T1

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

```
if(x // x = 10 > 1)
```

```
  x = x - 1;
```

```
write(x, ABC123);
```

```
commit
```

Transaction T2

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

```
if(x > 1)
```

```
// x = 10
```

```
x = x - 1;
```

```
write(x, ABC123);
```

```
commit
```

At Server: seats = 10

T1's or T2's update was lost!

seats = 9

seats = 9