



# Movie Tickets

## STAR WARS

7pm

Remaining:

3.4k

Buy

9pm

Remaining:

5

Buy

Event ID	Tickets
791	3,398
924	5
1022	478
1110	4110

*invariant:*

$\text{tickets} \geq 0$

*error bound:*

$\text{tickets} \pm 10\%$

*latency bound:*

$\text{time}(\text{load}) \leq 20\text{ms}$