

Application level

Bid(item: 7,
who: 'Alice',
price: 40)

Bid(item: 7,
who: 'Bob',
price: 50)

View(item: 7)

→ max bid: 50

Key/value store level

```
put('UserId:2:7', 50)  
if 40 > get('MaxBid:7'):  
    put('MaxBid:7', 40)  
    put('MaxBidder:7', 'Alice')
```

```
put('UserId:7', price)  
if price > get('MaxBid:7'):  
    put('MaxBid:7', 50)  
    put('MaxBidder:7', 'Bob')
```

```
get('UserId:7', price)  
get('MaxBid:7')  
get('MaxBidder:7')
```

→ max bid: 50

