



Course Overview



View Discussion

## Chapter 4: CRUD Optimization

### Lab 4.1: Equality, Sort, Range

#### Problem:

In this lab you're going to use the equality, sort, range rule to determine which index best supports a given query.

Given the following query:

COPY

```
db.accounts.find( { accountBalance : { $gte : NumberDecimal(100000.00) }, city: "New York" } )  
                .sort( { lastName: 1, firstName: 1 } )
```

Which of the following indexes best supports this query with regards to the equality, sort, range rule.

Attempts Remaining: **Correct Answer**

Choose the best answer:

☒ { city: 1, lastName: 1, firstName: 1, accountBalance: 1 }

☐ { lastName: 1, firstName: 1, accountBalance: 1, city: 1 }

☐ { lastName: 1, firstName: 1, city: 1, accountBalance: 1 }

☐ { accountBalance: 1, city: 1, lastName: 1, firstName: 1 }

Correct!

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