Interview Q&A

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# JAVA

## Hibernate

What is the difference between eager loading and lazy loading?

What is the difference between 1st level and 2nd level cache in hibernate? When should we avoid caching?

## Collections

What is the difference between ArrayList and LinkedList?

What is the difference between HashSet and TreeSet?

## Exception Handling

What is the difference between CheckedException and UncheckedException?

# Database

What are the different types of join?

What is index?

What is the difference between Cluster and non-Cluster index?

# Source Control

When to use Git Merge and Git Rebase?

What is the different between a tag and a branch?

# WebService

What are the differences between SOAP API and RESTful API?

# Design Pattern

Can you name a few design patterns that you used in the past?