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Redis Cache
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1) What is Cache ?

2) Why we need to go for Cache ?

3) What is Redis ?

4) Spring Boot with Redis Integration

=> Cache is a temporary storage

=> Cache will represent data in key-value format

=> By using Cache data, we can reduce no.of db calls from our application.

Note: DB call is always costly (it will take more time to execute)

=> By using Cache data (Cache Memory) we can increase performance of the application.

Redis Cache is one of the most famous Cache available in Market

=> The open source, in-memory data store used by millions of developers as a database, cache, streaming engine, and message broker.

=> Spring Boot provided below starter to communicate with Redis Server

springboot-starter-redis

=> We will use below components to communicate with Redis Server

1) JedisConnectionFactory : It represents connection with Redis Server

2) RedisTemplate : It provides methods to perform operations with Redis Server

3) OpsForHash: It is providing methods to peform operations based on Hash key

put (...)

get(..)

entries (.)

deleet(..)

Key-Value

KEY - EMP
101 - Raju
102 - Rani

KEY - BOOKS
103 - Java

KEY - CITIES
104 - Hyd