SPRING BOOT

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Features of SpringBoot?

Difference between spring and springboot

basic annotations in springboot

what is main class

what is run method

what is the application properties file?

what is @value

what is controller class

springboot custom exception class

IOC container

types of ioc container

@AutoWired

Spring Boot Actuator

dependency injection

bean life cycle

BeanFactory

Spring Boot Starter Parent

@SpringBootApplication

@Bean Annotation

Spring Web Services

spring mvc

Spring Boot REST API

Types of spring Beans

difference between @restcontroller and @controller

All the main and important annotations in basic level and there real time working

COLLECTIONS

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what are colections

diff between collection and collections

what is list,set,queue,map

diff between arraylist and linked list

diff between hashset and tree set

diff between hashmap and linkedhashmap

hashmap internal working

how tree map internally work

JPA

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What is JPA?

How to add Dependency?

What is Driver Class?

What is Application Properties and Key names?

What is JDBC Templets?

What are JPA related Annotations?

What is JPA Mapping?How many tpyes of JPA Mappings?

What are JPA Methods?

Relational mapping and types

CORE JAVA

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1.What is String?

2.Difference between String Builder & String Buffer?

3.What is String Pool?

4.All Oops Concepts

5.What is Overriding & Overloading?

6.What is Singleton class?

7.Why String is immutable?

8.What is String pool?

9.JVM,JDK,JRE

10.Collection?

11.What is thread & thread life cycle?

12.What is Multithreading?

13.What is throws,thrown,throwable?

14.Concurrent Collection?

15.What is Constructor & it's types?

16.Define Is-A & Has-A relationship?

17.What is fail fast & fail safe?

18.What is interface

19.What are design patterns available in java?

20.What is hashmap,Why it don't allow duplicate values?

21.Difference between map & hashmap?

22.Exception Handling

23.What is final,finally,finalize?

24.What is class loader & it's types?

25.Internal working of Hashmap?

26.Define serialization & synchronization?

27.Difference between abstract & interface?

28.What is hash collision?

29.What is super class & sub class?

30. what are the difference bewtween hasmap and concurence hash map ?

31. working of concurence hashmap

32. how many ways we are creating the object

33. what are the different types of class in java

34.optional class

35.access modifiers

36.wapper classes

37.Arrays

38.Architecture of jvm

39.class loader and types

40.heap and stack memory

Basic programs in java

JAVA-8

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1.Features of java 8?

2.Stream API?

3.What is terminal & intermediate operations?

4.lambda

5.functional interface

6. different types of streams

7.foreach or method reference

programs on streams