

Collection

- Collection / collections
- ArrayList / Vector List
- Array / Collection
- Iterator / Enumeration
- Hash Set / Tree Set
- Set / Map
- Hash Set / Hash Map
- Array / Array List
- fail - fast / fail Safe
- list / set
- Array list / Linked list
- Hash table / Hash Set
- Priority Queue.
- Concurrent HashMap / Synchronized Map
- Collision
- HashMap Working
- How to make ArrayList synchronized.
- How to copy one HashMap to another.
- How to read the data using Iterator.
- Comparable / Comparator

OOPS Concept

- Polymorphism
- Abstraction
- Encapsulation
- Inheritance
- Constructor and its types.
- Access modifiers
- Data handling
- Marker Interface
- Runtime Polymorphism
- Interface
- Interface and Abstract class
- Inner classes
- Multiple and Multilevel inheritance
- Abstract classes
- Return vs Return value
- Final

Thread

→ Multi-Threading Power

→ Ways to run Thread → Obj

→ Drawbacks of Thread ①

→ Thread join operation

→ Synchronization Thread

→ wait, Sleep

→ Notify and Notify All

→ Thread Priority ✓

→ Thread pool ✓

→ volatile

→ Runnable as Callable Interface

→ Thread Scheduler: Which Thread decide that logic of the

→ Execute Service

Exception

- What is Exception ✓
- What is exception Propagation
- Runtime / Compile time ✓
- Throwaway ✓
- Exception and Exception handling ✓
- Explain about Multicatch Block
- Throws and Throw ✓
- Can we handle Exception, try, catch block in throws method
- Can we write try, block without catch and can we use finally block.
- Custom exception in java
- ClassNotFoundException Vs NoClass found
- Error and Exception
- Finally Block, final, finalize

~~String~~

- String Buffer Vs String Builder
- volatile Vs Transient
- Comparable Vs Comparator
- Why String is Immutable
- Some String inbuilt methods. (charAt, length, replace, replace)
- Mutable and immutable.
- What are steps to Create Immutable class.
- What is String Constant Pool.
- Diff b/w == and .equals()
- String object stored in String Constant Pool or Stack?
- Replace Vs Replace all and Replace first

Normal Questions

- Can we compile code without Main
- Which block execute before Main
- ↗ SQB vs TTB
- ↗ JIT Compiler
- ↗ Can final class be inherited / Can final Variable can be change.
- ↗ Can we create constructor of an abstract class.
- ↗ How many way we can create object in Java.
- ↗ Java is pass by value or pass by reference
- ↗ Comparator
- ↗ Serialization and Deserialization.
- ↗ What is class loader and types.
- ↗ final, finally and finalized.
- ↗ Explain Polk, Pre, Inv
- ↗ Difference b/w Compiler & VM

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- How to run java without compiler.
- Diff b/w this and Super keyword
- prepared Statement Vs statements.
- Tell me about Maps.
- Var and let C function ?
- SAM Interface (Single Abstract M
- Is java platform independent
- Isdk Platform independent or not.
- Generics
- TokenEsc4
- cloning
- Hashcode
- Enum
- Wrappers class
- URL, URl, URN

Pana - 8 New features

- Default - keyword
- Functional Interfaces
- Lambda Expression ✓
- Stream API (Filter and Map())
- Optional class.
- filter Stream
- Difference Map and Flat Map()
- Idempotency ($a = -1$)
- Reduce() Method
- Intermediate and terminal in a Stream
- Why we use Pana 8 mostly (due to LTS)
- Sort and (filter / Map / If has a long Term (LTS) Version .
- Parallel Stream
- Predicate

Ques What data structure followed by hashmap and hashset (Hashtable) key value pair

Ans Where to use hashmap and where to use hashset.

Ans Which data structure followed by list

Ans What if two null stored in Hashmap
→ We cannot store more than one Null key in Hashmap because keys are unique
therefore only one Null key and many Null values are allowed.

Ans Dynamic binding and static binding.

Ans What is ternary operator

Ans What is increment and decrement operator

Ans Does 'finally' always execute in Java?

How do we implement regular expressions?

class

class

class

class

Parse and Output, or Python.

Parse my Java file instead.

SQL Question

- Difference b/w DML & DDL.
- What is Stored Procedure.
- Views & types of Joins.
- Drop Vs Delete Vs Truncate Command.
- Find 2nd & 7th maximum salary.
- Foreign key Vs Primary key.

Project Question

- How to test Web Services.
- Did you used Collection in a project & Which.
- What Java Concept you used in your project.
- Why/Where we use Micro-Services.
- Project MVC flow.
- How to integrate Hibernate in Java Project.
- Where you used Serialization and Deserialization.
- How ~~to~~ consume Micro-Services.
- How ~~to~~ consume Web-Services.
- How to expose WebServices.

- How you implement Micro-Service in your project.
- Which methods you used in Test.
- Write a Email Sending Code.
- Write the Structure of U.R.L that you tested in Postman.
- How to Write U.R.L in Postman.
- Creating a database table.
- Where did you used Singleton in your project.
- In MVC What you have worked on most.
- Where you store project Code.
- How do you performed WebServices in your project.
- How Junit implemented in your project.
- How to handle Exception in SpringBoot.
- What challenges you faced in your project.
- How many user stories you worked on during your project development.
- What are the modules you are using in your project.
- Which architecture you followed in your project.
- How you Create SpringBoot Project.
- How to handle Exception in Hibernate.
- What are the roles of Scrum Master.
- How to Explore JSON Object.
- Size of team.
- Which domain belongs to your project.
- How much time you took to complete one sprint.
- How to integrate Email API into the Project.
- What was daily Schedule how was work allocation done.

Advance Java

- Hibernate
- Hibernate Mapping
- Hibernate Architecture
- Hibernate Object
- Difference b/w Hibernate & JDBC
- Get Vs Load
- Diff. b/w TPA & Hibernate
- Session factory
- Session
- Transaction
- What are the advantage of Using Hibernate over JDBC
- Cookies
- Session Management
- HTTP
- HttpSession
- TPA
- TPA annotations.
- PSP
- Do get / Do Post
- PSP life cycle
- Implicit Objects in TPA
- JSTL
- Different tags in JSTL.
- Spring Vs SpringBoot
- Web Server / Application Server.
- Repository layer and How it's work.
- Spring MVC.

- Spring Boot Annotations.
- How to read application properties file.
- Spring Boot advantage.
- Dependency injection.
- Servlet Life Cycle.
- Servlet Annotations.
- IOC Container
- Monolithic Architecture.
- @Springboot Application
- Springboot Auto Configuration
- Spring Initializer
- Microservices advantage / Disadvantage.
- Punit Methods
- Web Service
- Queries in Hibernate / SpringBoot
- Types of Autowiring.
- How the instance are Created in Hibernate.
- Bean-life Cycle.
- Activator & Spring- Starter
- Session vs Session factory.
- model Attribute
- Session Code in Hibernate
- Pom xml & Web xml
- types of Scopes
- Hibernate Annotations
- Session Variable
- Dependency Injection
- Server Validation and Client Validation
- URL, URI, URN

- Why we use XML files over JSON
- How do you access Common data from table.
- Types of design Patterns
- Inter Servlet Connectivity
- Core interface of Hibernate
- Test App