

J2EE Interview Questions

JDBC

- 1.What is JDBC?
- 2.Who are Database vendors? Name any 5 database vendors?
- 3.What is Database driver software and who provides it?
- 4.Explain Class.forName()
- 5.Explain registerDriver() method
- 6.What is Connection in JDBC?
- 7.What is Result Set?
- 8.Explain few methods of Result Set.
- 9.What is Statement?
- 10.What is Create statement
- 11.What is Prepared statement
- 12.Explain difference between Statement and Prepared Statement
- 13.What is the difference between execute(), executeQuery() and executeUpdate()
- 14.What are placeholders or delimiters

Hibernate

- 1.What is ORM Framework?
- 2.List few of the ORM Frameworks?
- 3.What is Hibernate?
- 4.What is EntityManagerFactory?
- 5.What is Persistence in Hibernate with JPA?

- 6.What is EntityManager?
- 7.What is EntityTransactions?
- 8.What is Mapping in Hibernate?
- 9.Different Annotations used in Hibernate?
- 10.Explain OneToOne uni-directional mapping with example?
- 11.Explain OneToMany uni-directional mapping with example?
- 12.Explain ManyToOne uni-directional mapping with example?
- 13.Explain ManyToMany uni-directional mapping with example?
- 14.Explain Query parameters in JPQL with example?
- 15.Explain OneToOne bi-directional mapping with example?
- 16.Explain OneToMany bi-directional mapping with example?
- 17.Explain ManyToOne bi-directional mapping with example?
- 18.Explain ManyToMany bi-directional mapping with example?
- 19.What is difference between JoinColumn and mappedby
- 20.What is cascading? List all cascading types
- 21.Explain cascading with example
- 22.Explain fetch type in hibernate with example
- 23.List all fetch types
- 24.List different fetch types of different mappings
- 25.Expain entity lifecycle in hibernate
- 26.What is caching?
- 27.Explain hibernate caching first level and second level
- 28.What is persistence.xml
- 29.What is persistence unit

Spring

Spring IOC

- 1.What is Spring in java?
- 2.What is IOC Container?
- 3.What is DI-Dependency Injection?
- 4.Explain different ways of DI using xml configurations
- 5.What is Bean Factory?
- 6.What is Application Context in spring
- 7.What is difference between application context and bean factory?
- 8.What is the difference between scopes in spring-singleton and prototype
- 9.Explain dependency injection in ways in spring XML based configuration
 - a. Constructor injection
 - b. Setter Injection
- 10.What is the use of init-method and destroy method attributes of bean tag.

Spring MVC

- 1.Explain MVC architecture
- 2.What is Spring MVC
- 3.What is front controller
- 4.What is handler mapping
- 5.What is controller
- 6.what is view resolver
- 7.Explain the workflow of Spring MVC
- 8.What is Model
- 9.What is ModelAndView
- 10.What is @ModelAttribute

- 11.What is @Controller
- 12.What is @RequestMapping
- 13.What is difference between pathvariable and querystring
- 14.What is URL, URI and URN
- 15.What is JSTL
- 16.Explain few of the important JSTL tags with example.
- 17.Explain Spring MVC Configuration with no XML (class level configuration)
- 18.List HTTP method annotations supports in spring MVC @PostMapping etc..

Spring Boot

- 1.What is spring boot
- 2.What are starter files in spring boot
- 3.What are the advantages of spring boot
- 4.What is the difference between spring mvc and spring boot
- 6.List the annotations used in spring boot
- 7.Explain @RestController, @Service. @Repository, @Controller and @Component
- 8.What is Status Code
- 9.List few important status codes
- 10.Explain exception handling in spring boot
- 11.What is repository entity

GIT

- 1.What is Git?
- 2.What are the advantages of git?
- 3.List other repositories similar to git?

4.List git commands?