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Spring Topics

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- 1) What is Framework ?
- 2) What is Spring ?
- 3) Spring Architecture
- 4) What is Spring Core
- 5) What is IOC container ?
- 6) What is Dependency Injection ?
- 7) How to start IOC container ?
- 8) What is Bean Scope ?
- 9) Auto Wiring
- 10) what is primary attribute ?
- 11) what is ref attribute ?
- 12) How to configure Java class as Spring Bean ?
- 13) What is Spring Bean ?
- 14) How to get bean object from IOC ?
- 15) Spring Annotations
- 16) Component Scanning
- 17) @Autowired annotation
- 18) Bean Life Cycle
- 19) What is @DependsOn ?

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Spring Boot Topics

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- 1) What is Spring Boot ?
- 2) Spring Vs Spring Boot
- 3) Advantages with Spring Boot
 - pom starters
 - Dependency Version Mgmt
 - Auto Configuration
 - Embedded Server
 - Actuators
- 4) What is Start Class in Spring Boot ?
- 5) What is @SpringBootApplication annotation ?
- 6) What is Component Scanning ?
- 7) What is Base Package naming convention ?
- 8) What is SpringApplication.run () method ?
 - load initializers
 - start listeners
 - print banner
 - create IOC container
 - call runners
 - return ioc obj
- 9) How IOC will start in Spring Boot ?
- 10) What is Runner in Spring Boot ?
- 11) How to create SpringBoot Application ?

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Spring Data JPA Topics

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- 1) What is Spring Data JPA ?
- 2) What is DataSource ?
- 3) What is Entity class ?
- 4) What are JPA Repositories ?
- 5) CrudRepository vs JpaRepository
- 6) What methods available in CrudRepository ?
- 7) What is UPSERT method in data jpa ?
- 8) What is findByXXX method in data jpa ?
- 9) What is Custom Query data Jpa ?
- 10) SQL vs HQL
- 11) What is Dialect class ?
- 12) How to perform Non-select operation using @Query annotation ?
- 13) What is Generator ?
- 14) What is Custom Generator ?
- 15) What is Composite Primary key ?
- 16) What is Timestamping in Data jpa ?
- 17) Pagination and Sorting
- 18) Query By Example
- 19) What is Spring Boot Profile ?
- 20) How to activate Spring Boot Profile

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Spring Web MVC Topics

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- 1) What is Spring Web MVC ?
- 2) Web Application vs Distributed Application
- 3) What are the advantages with Spring Web MVC
- 4) Spring Web MVC Architecture
- 5) What is DispatcherServlet ?
- 6) What is HandlerMapper ?
- 7) What is Controller / RequestHandler ?
- 8) What is ModelAndView ?
- 9) What is View Resolver ?
- 10) What is View ?
- 11) HTTP Methods (@GetMapping & @PostMapping)
- 12) @RequestParam
- 13) Spring MVC Form Tag Library
- 14) H2 Database
- 15) What is Thymeleaf ?
- 16) How to perform Form Validations ?
- 17) CRUD App with Boot + Web MVC + Data JPA + Thymeleaf + BS
- 18) What is @ModelAttribute ?
- 19) How to change Embedded Container from Tomcat to Jetty ?
- 20) How to change Embedded Container Port Number ?
- 21) How to configure Context Path in Spring Boot ?
- 22) What is @ResponseBody annotation ?
- 23) What is @Controller & @RestController ?
- 24) What is URL ambiguity in Spring Web MVC ?
- 25) How to handle Exceptions in Spring Web MVC?
- 26) What is Local Exception Handling?
- 27) What is Global Exception Handling?

28) What is @ControllerAdvice and @ExceptionHandler ?

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Top 50 Spring web mvc Interview questions & answers : <https://www.youtube.com/watch?v=UBNimdxdjKo&list=PLpLBSl8eY8jSMr1hJLB096nq8W0ABQoXH&index=6>

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Spring Core + Data JPA + Web MVC Workspace : <https://www.mediafire.com/folder/xwztw5l5et0up/29-SBMS>

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