Springboot	Solutions	Spring	Sollutions	MicroServices	links	Solutions	DOCS	LINKS	dockers	Annotations	
spring modules	core mvc data security	what is spring AOP		desgin Patterns(service registry, Apigateway, circuit braker)			annotations	https://docs.google.com/doc	About dockers, advantages of dockers,	@Component	spring AOP
Authentication and authorization	user identity, access control	What is Spring?		Components of microservices			SpringbootNew(sbn)	https://docs.google.com/doc	How to Deploye using Dockers.	@Configuration	Spring security
springboot profiles	sbn	How to integrate spring and hibernate?		Microservices usage			status codes	https://docs.google.com/doc	Docker File commands to run in kuber	@Bean	swagger
eplain about springboot	sbn	web.xml tags		Monolithic microservices difference			RabbitMQ	https://docs.google.com/doc	Why your choosen The Kubernets.	@ComponentScan	hql queries
explain about bean factory	sbn	connection pooling in spring		diff btw finclient webclient and resttemplet, fignclient			Docker	https://docs.google.com/doc		@EnableAutoConfiguration	jquery
What is a Spring Boot application And How is it generated? (webapplication and start.spring.io)		Write BeanFactory Syntax?		how to make api calls using finclient			microservices	https://docs.google.com/doc		@SpringBootApplication	
Why Are You Using Spring Boot ? We can use Spring MVC also. (autoConfiguration, server, starter, microservices)	https://g.co/gemini/share/2ae0010f7c3a	Spring models;		What are the different filters in Zuul			global exceptions	https://docs.google.com/doc		@Controller	
How to integrate Spring Boot with Rest ? and Why is Spring boot mostly Compatible with Rest Services only ?	Spring Boot uses the HTTP protocol for commu	spring batch		why we use hystrics			change the server in SB	https://docs.google.com/doc		@RestController	
difference between rest controller and controller	https://blog.stackademic.com/choosing-the-rig			different desgin prtterns in microservices			SBProhectGitLinks	https://github.com/saddam95		@RequestBody	
What is dependency injection? Explain about it				which library you used to protect circuitbreaker			jwt	https://docs.google.com/doc		@ResponseBodyb	
Stereotype Annotations in spring				open circuit and close circuit			Actuator	https://docs.google.com/doc		@RequestMapping	
What is the spring life cycle?,				Explain the how two MicroServices will communicate with each other			saga desgin pattern	https://docs.google.com/doc		@PostMapping	
What is Autowired?				How do you monitor your applications Eureka			unit testing	https://docs.google.com/doc		@GetMapping	
bean scope,injecting scopes(prototype--->singleton)	@Scope("prototype")			Micro Service pattren.			debugging	https://docs.google.com/doc		@PutMapping	
what are the annotations in spring boot ?				9.Layers & Structure of microservices			Mappings	https://docs.google.com/doc		@DeleteMapping	
beanfactory and applicationcontext	https://www.geeksforgeeks.org/spring-differenc			18.load balancing	https://keep.goog		unit Testing drive	https://drive.google.com/driv		@Valid	
event handling				default port of eureka server	8761		git	https://docs.google.com/doc		@PathVariable	
@Autowired and @Qualifier				@enableeurekaserver @enablkeeurekaclient			project related	https://docs.google.com/doc		@RequestParam	
springMVC flow				what is global exception			paging and sorting	Paging And Sorting		@Entity	
why only dispatcherServlet is the front controller in spring?				difference between microservices and monolythic			kafka	https://docs.google.com/doc		@Service	
@Controller Vs @RestController				redistration and discovery server			microservices(new)	Microservice Project		@Repository	
Spring annotations(@RequestMapping,@Embeddable,@DiscriminatorColoum and attributes),p				we have a ser a and ser B of 4 instance what happen if the ser b ins b failed at serv a call			jwt tocken project+doc	https://drive.google.com/driv		@Id	
bean life				diff btw client side load balancing and serv side load balancing			jpa queries	https://docs.google.com/doc		@GeneratedValue	
types of dependency injections,				a call b bcall c c call d d if failure what happen	need to give fallb		batch processing	https://docs.google.com/doc		@Autowired	
For Example In Controller you are using servlets then Which servlet you choose?				rate limiter						@Primary	
Explain MVC architecture and how the controller works?				zipkins						@Qualifier	
Which Spring version are you using in your project, Explain spring 4.X Features?(2.7.8)				how you track your exceptions ms enviroment						@Required	
How to provide security to your project using Spring?				elastic search kibana						@Transactional	
What is spring MVC?										@PatchMapping	
What are the stereotype annotations?										@Mock	
What is Qualifier?										@injectmock	
										@BeforeForEach	
Can we write a presentation layer with spring?										@ExceptionHandler	
What is the model view and controller?										@RestControllerAdvice	
How does MVC explain the flow?										@transactional(timeOut=30)	
Spring MVC Login example(flow)?										@transactional(readOnly=true)	
IS it possible to develop a spring application without the Reflection API?(NO)											
What is the Difference between @component and @controller?											
Which server did you work on?											
How to deploy your project in the tomcat server?											
Dispatcher servlet?where do you declare?											
Dependency injection?											
How you communicate to front end to back end(cross origin)											
Types of Repositories ?											
What is MVC architecture ?											
What is use of @requestmapping ?											
What is use of @component ?											
Which type of Annotations are you using in your project ?											
spring---bean scope,injecting scopes(prototype--->singleton)											
how to provide security to your application?											
Explain IOc.(DI, been life cycle, providing various services)											
Annotations given by Spring.											
difference between @Entity and @bean Annotation.											
bytype, byname, constructor autowiring (explanation)											
Use of @intercepter Annotation											
use of @ExceptionHandler Annotation											
How to configure Security in spring											
Security machanizame											
difference @ContolletrAdvice and @RestContollerAdvice.	@ControllerAdvice can be used to adv										
difference type injection machanizam use by spring.											
Annotation and their importance in spring											
What is the use of @bean @id @column?											
What is the default value of Autowire											
MVC vs springMVC?											
in how many ways we can create application context											
what is application context											
what are the scopes in spring. what are they											
what is defaultscope											
diff b/w singleton and prototype											
diff b/w put and post											
how can u integrate spring with hibernate											
how do we use servletconfig and servletcontext in spring controller											
spring aop,junit											
what is spring life cycle?											
Which Spring version you are using in your project, Explain spring 4.X Features?											
Spring MVC Login example(flow)?											
Write BeanFactory Syntax?											
how to map name of class with table in Database?	using repository										
how to map name of property with column in Database?											
in how many ways we can create application context											
WHAT IS BEAN FACTORY?											
what is application context? what is implementation classes of application context?											
what are the scopes in spring bean. what are they											
what is default scope of spring bean?											
what are the methods in Http											
diff b/w put and post											
how can u integrate spring with hibernate											
spring aop,junit											
how do we use servletconfig and servletcontext in spring controller											
what is spring IOC?											
What is spring bean?											
what is bean wiring?											
why we should go for annotations?											
how to inject one class object into another class object through annotation?											
is spring bean thread safe?	not a thread safe										

Question	Notes
Explain about springboot? why is it become famous?	
@autoConfiguration internal flow in springboot	
write a junit test case for controller in spring boot	
pathvariable vs request param	@ path variable -/users/{id}, @RequestParam-/
When we will go for SpringBootProject?	
Spring vs SpringBoot	
Profiles in spring	spring.profiles.active=dev
If we want to change serverport number how to change serverport number in spring boot(server.port)	
Expalin abot GET vs Post	
What is idempotent GET or Post	get
How you will create endpoints for exiting API's	
How you will get the data from database	
How will you add new dependencies in springbootapplication	
@Autowired vs @ Inject, Can we use @inect in Spring boot and why?	
Spring boot application flow	
About junit testcases all annotations.	
Between login page and homepage how can u write code for security.	
how u write testcases for controller can u write testcases using notepad.and explain each line.	
what is @copmonent and @service	
Scopes of spring boot application, Where you will use @scope	
@Query annotation in spring boot	@Query(value="SELECT * FROM employee V List<Employee> findbysomeName();
15. How to handle exceptions in spring boot	global exceptions, custom exceptions
What are there in Parent tag inside pom.xml ? Internal flow inside Parent tag ?	group id, artifit id , vcersion
Dependencies inside pom.xml ? and Internal flow of it ?	parent(parent properties), application propertie
How do you send data from backend to frontend ? How many ways ?	
If any DataBase error occurs in your application. How can you show it in Spring Application?	
different types of injection	
Handlermapping code in spring configuration file?	
How HandlerMapping map url to controller?	
.How to configure spring with jersey?	
What is Actuator in Spring Boot?	
What does @Conditional annotation	
How do you change embedded tomcat to jetty in spring boot	exclude and include
what is the usage of exclusion tag.	
What are various http status codes?	
can we write presentation layer with spring?	
transaction	
What is dependency injection and auto wiring in spring-boot	@annotation
Spring bean lifecycle()	
maven lifecycle	
Which type of configuration u used in u r project	
Spring bean scopes?	
diff btw session and global session	
Autowiring and name diff modes of it	
can we have multiple databases	multi tenent
which type of rest service ur writing(producing or consuming)	
how u configure logger in application	
singleton design pattern Vs sigleton bean scope	
diff b/w jar,war,and ear files	
how do u handle multiple requests(eureka server)	
Singleton (bean lifecycle by default beans are singleton)	
Front controller	
Diff ways to handle exception in spring mvc	
Diff b/w api and web service	
Ioc container types	
MVC flow	
use of Dispatcher Servlet	
Can we write a get end point in a Post request	
servlet life cycle	Servlet class is loaded.Servlet instance is crea
what is thymeleaf	
Hibernate queries	
Spring and it's advantages	
@PathVariable vs @RequestParam	https://www.javatpoint.com/spring-vs-spring-bo
Springboot flow:	
run() internal flow :	used to start application context
spring-boot over spring	
types of ioc containeer https://www.geeksforgeeks.org/spring-difference-between-beanfactory-and-applicationcontext/	
how to change the port number in sb	
can we override the tomcat server in spring-boot(in pom.xml spring-boot-starter-web exclude and include)	
how to use a property defined in application.properties	(@value("${<variable name>}"))
dif btw postmapping and requestmapping	
What is Spring Actuator? What are its advantages?	
few fetures of springboot	
what are the springboot starters and whatt are the available statrters	
what is spring-boot dependency management	
what is thymeleaf and how to use it	
what is the need for springboot dev tools	restart
steps to create a springboot project using spring initilizer	
What is a Spring Boot application And How is it generated?	
Why Are You Using Spring Boot ? We can use Spring MVC also.	
How to integrate Spring Boot with Rest ? and Why is Spring boot mostly Compatible with Rest Services only ?	
difference between rest controller and controller	
What is Spring?	
What is dependency injection? Explain about it	
Stereotype Annotations in spring	
What is the spring life cycle?	
What is Autowired?	
How to integrate spring and hibernate?	
bean scope,injecting scopes(prototype--->singleton)	
bean scope	
bean life cycle	
beanfactory and applicationcontext	
event handling	
@Autowired and @Qualifier	
springMVC flow	
web.xml tags	
why only dispatcherServlet is the front controller in spring?	

Question	Answer
@Controller Vs @RestController	
connection pooling in spring	
Spring annotations(@RequestMapping,@Embeddable,@DiscriminatorColoum and attributes),	
bean life cycle,init-method,mappings,inheritance mappings	
types of dependency injections,	
Explain MVC architecture and how the controller works?	
For Example In Controller you are using servlets then Which servlet you choose?	
Which Spring version are you using in your project, Explain spring 4.X Features?	
Write BeanFactory Syntax?	
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What are the stereotype annotations?	
What are the types of servlets?	generic servelet and http servelet
What is Qualifier?	
Can we write a presentation layer with spring?	
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mapping annotations	
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Annotations given by Spring.	
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bytype, byname, constructor autowiring (explanation)	
Use of @intercepter Annotation	
use of @ExceptionHandler Annotation	
How to configure Security in spring	
Security machanizame	
difference @ContolletrAdvice and @RestContollerAdvice.	@RestControllerAdvice is tailored for RESTful applications and returns response data directly, while @ControllerAdvice can be used for both HTML view-based controllers and REST controllers.
Spring models;	
difference type injection machanizam use by spring.	
Annotation and their importance in spring	Annotations play a significant role in Spring Boot applications by providing metadata and instructions to the Spring framework. They help configure components, define behavior, and enable various features. Here are some important annotations in Spring Boot and their significance:
What is the use of @bean @id @column?	
What is the default value of Autowire	
MVC vs springMVC?	
in how many ways we can create application context	
what is application context	
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diff b/w put and post	
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how to map name of property with column in Database?	
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what are the scopes in spring bean. what are they	
what is default scope of spring bean?	
what are the methods in Http	
diff b/w put and post	
what is rest api	way of exposing data and functionality over HT
Different types of API calls	http methods
How we can receive data from the fronted and how we can send data to the backend	quary parm path param, header(pass user autl
Query param and path param	
How many ways we can pass data to api	quary parm path param, header(pass user autl
Can we give any payload to the get API	no
spring modules	spring core,Spring mvc, Spring security,Spring
Authentication and Authorization	
approach to write rest apis	explain how to write an api
how to convert json object into java object	
how to configure multiple databases in Springboot	
Global Exception	@controllerAdvice, @RestControllerAdvice
what we have in pom.xml	groupId, artifactid, versionsameof projectprope
spring boot components	
methods contains JPA repository	
Zuul token Authentication	
interceptor	
Explain Build Tools	
are you used pipelines in your projects	
Git commands	
how to exclude particular class	
@POST consumer,producer medialtype json/xml/text	
how do you implement dependency injection	
.what is transaction how do you know if the particular service is failed and what you will do if the service is failed	
.difference between requestParam and pathParam write the Syntax	
8.saga design patteran	
Spring boot Archicteture.	
Components used in the Spring boot.	starter dependies, inbuilt Web server, actuator
why all are using spring boot why it is so famous.	

Dependency Injection from pom.xml	
spring-boot design pattern	single ton, factory method, di, mvc, dao
status codes	
spring. application.name	
actuator	
saga desgin pattern	
choreography	
Orchestration	
unit testing annotations	
debugging shortcuts	
REST API Best practices	documentation, properly defined user defined
if you want to return a 1000s of data how will you handel	paging and sorting filter
difference between entity and value type of object	
difference between hybernate and jpa	https://www.javatpoint.com/jpa-vs-hibernate
hybernate annottaions	
cars isue	
filters in springboot	
session factory	
annotation for async operations (@Async)	https://keep.google.com/u/0/#NOTE/1-gkB5kB
what is transaction management	
how can you update a 1000 record in a shot	batch procession
difference between rest and soap	Sign in - Google Accounts
what is rest resource	Sign in - Google Accounts
what is uri and url	Sign in - Google Accounts
fetures of rest web services	RESTful Web Services - javatpoint
disadvantages of rest web services	
define messgging in terms of web services	kafka, rabbitmq
advantages and dis advantages of soap	SOAP Web Services - javatpoint
what is http https smtp	
difference between rest and restful	