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SR.NO	Project NAME	Technology
1	Online E-Learning Platform Hub	React+Springboot+MySql
2	PG Mates / RoomSharing / Flat Mates	React+Springboot+MySql
3	Tour and Travel management System	React+Springboot+MySql
4	Election commition of India (online Voting System)	React+Springboot+MySql
5	HomeRental Booking System	React+Springboot+MySql
6	Event Management System	React+Springboot+MySql
7	Hotel Management System	React+Springboot+MySql
8	Agriculture web Project	React+Springboot+MySql
9	AirLine Reservation System / Flight booking System	React+Springboot+MySql
10	E-commerce web Project	React+Springboot+MySql
11	Hospital Management System	React+Springboot+MySql
12	E-RTO Driving licence portal	React+Springboot+MySql
13	Transpotation Services portal	React+Springboot+MySql
14	Courier Services Portal / Courier Management System	React+Springboot+MySql
15	Online Food Delivery Portal	React+Springboot+MySql
16	Muncipal Corporation Management	React+Springboot+MySql
17	Gym Management System	React+Springboot+MySql
18	Bike/Car ental System Portal	React+Springboot+MySql
19	CharityDonation web project	React+Springboot+MySql
20	Movie Booking System	React+Springboot+MySql

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21	Job Portal web project	React+Springboot+MySql
22	LIC Insurance Portal	React+Springboot+MySql
23	Employee Management System	React+Springboot+MySql
24	Payroll Management System	React+Springboot+MySql
25	RealEstate Property Project	React+Springboot+MySql
26	Marriage Hall Booking Project	React+Springboot+MySql
27	Online Student Management portal	React+Springboot+MySql
28	Resturant management System	React+Springboot+MySql
29	Solar Management Project	React+Springboot+MySql
30	OneStepService LinkLabourContractor	React+Springboot+MySql
31	Vehical Service Center Portal	React+Springboot+MySql
32	E-wallet Banking Project	React+Springboot+MySql
33	Blogg Application Project	React+Springboot+MySql
34	Car Parking booking Project	React+Springboot+MySql
35	OLA Cab Booking Portal	React+NextJs+Springboot+MySql
36	Society management Portal	React+Springboot+MySql
37	E-College Portal	React+Springboot+MySql
38	FoodWaste Management Donate System	React+Springboot+MySql
39	Sports Ground Booking	React+Springboot+MySql
40	BloodBank mangement System	React+Springboot+MySql

41	Bus Tickit Booking Project	React+Springboot+MySql
42	Fruite Delivery Project	React+Springboot+MySql
43	Woodworks Bed Shop	React+Springboot+MySql
44	Online Dairy Product sell Project	React+Springboot+MySql
45	Online E-Pharma medicine sell Project	React+Springboot+MySql
46	FarmerMarketplace Web Project	React+Springboot+MySql
47	Online Cloth Store Project	React+Springboot+MySql
48	Train Ticket Booking Project	React+Springboot+MySql
49	Quizz Application Project	JSP+Springboot+MySql
50	Hotel Room Booking Project	React+Springboot+MySql
51	Online Crime Reporting Portal Project	React+Springboot+MySql
52	Online Child Adoption Portal Project	React+Springboot+MySql
53	online Pizza Delivery System Project	React+Springboot+MySql
54	Online Social Complaint Portal Project	React+Springboot+MySql
55	Electric Vehical management system Project	React+Springboot+MySql
56	Online mess / Tiffin management System Project	React+Springboot+MySql
57		React+Springboot+MySql
58		React+Springboot+MySql
59		React+Springboot+MySql
60		React+Springboot+MySql

Spring Boot + React JS + MySQL Project List

Sr.No	Project Name	YouTube Link
1	Online E-Learning Hub Platform Project	https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW
2	PG Mate / Room sharing/Flat sharing	https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp
3	Tour and Travel System Project Version 1.0	https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12
4	Marriage Hall Booking	https://youtu.be/VXz0kZQi5to?si=ILOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF
10	Tour and Travel System Project version 2.0	https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ

Sr.No	Project Name	YouTube Link
11	Tour and Travel System Project version 3.0	https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug
12	Gym Management system Project	https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX
13	Online Driving License system Project	https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn
14	Online Flight Booking system Project	https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh
15	Employee management system project	https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H
16	Online student school or college portal	https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD
17	Online movie booking system project	https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm
18	Online Pizza Delivery system project	https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM
19	Online Crime Reporting system Project	https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO
20	Online Children Adoption Project	https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N

Spring Multiple-Choice Questions (MCQs)

The **Spring** Framework is an application framework of Java. It is light-weight and supports various frameworks like struts, hibernate, tapestry, etc. Its core features can be used by any Java application.

Spring MCQs: This section contains multiple-choice questions and answers on the various topics of Spring. Practice these MCQs to test and enhance your skills on Spring.

List of Spring MCQs

1. Spring framework was released in ____.

- A. 2001
- B. 2002
- C. 2003
- D. 2005

Answer: C) 2003

Explanation:

The spring framework was released in June 2003.

[Discuss this Question](#)

2. Is Spring framework open-source?

- A. Yes
- B. No

Answer: A) Yes

Explanation:

Yes, the Spring framework is open-source.

[Discuss this Question](#)

3. What is IOC?

- A. Integral of conversion
- B. Integrated oriented control
- C. Inversion of conversion
- D. Inversion of control

Answer: D) Inversion of control

Explanation:

IOC stands for Inversion of control.

[Discuss this Question](#)

4. IOC is also known as ____.

- A. Dependency injection
- B. Bean Factory
- C. Application dependency

Answer: A) Dependency injection

Explanation:

IOC is also known as Dependency injection.

[Discuss this Question](#)

5. Which of the following clearly states the role of IOC in Spring?

- A. To instantiate the application class
- B. To setup the object
- C. To assemble the object dependencies
- D. All of the above

Answer: D) All of the above

Explanation:

Following are the responsibilities of IOC in Spring:

- To instantiate the application class
- To setup the object
- To assemble the object dependencies

[Discuss this Question](#)

6. How many types of IOC containers are there?

- A. 5
- B. 4
- C. 3
- D. 2

Answer: D) 2

Explanation:

There are two types of IOC containers:

- BeanFactory
- ApplicationContext

[Discuss this Question](#)

7. Which is better to use, ApplicationContext or BeanFactory?

- A. BeanFactory
- B. ApplicationContext

Answer: B) ApplicationContext

Explanation:

The ApplicationContext interface is constructed on top of the BeanFactory interface. So, it provides more capabilities than BeanFactory, therefore it is better to use ApplicationContext than BeanFactory.

[Discuss this Question](#)

8. ____ are the objects that constitute the backbone of your application and are maintained by the Spring IoC container?

- A. Threads
- B. Process
- C. Beans
- D. Application

Answer: C) Beans

Explanation:

Beans are the objects that constitute the backbone of your application and are maintained by the Spring IoC container.

[Discuss this Question](#)

9. ____ is a design technique that eliminates dependencies from programming code to make the application easier to manage and test.

- A. Dependency Injection (DI)
- B. Dependency Lookup (DL)
- C. Dependency constructor (DC)

Answer: A) Dependency Injection (DI)

Explanation:

Dependency Injection (DI) is a design technique that eliminates dependencies from programming code to make the application easier to manage and test.

[Discuss this Question](#)

10. The ____ method obtains the resource after the demand

- A. Dependency Injection (DI)
- B. Dependency Lookup (DL)
- C. Dependency constructor (DC)

Answer: B) Dependency Lookup (DL)

Explanation:

The Dependency Lookup method obtains the resource after demand.

[Discuss this Question](#)

11. In how many ways you can inject dependency?

- A. 4
- B. 2
- C. 5
- D. 7

Answer: B) 2

Explanation:

The Spring framework provides two methods for injecting dependencies:

- By constructor
- By Setter method

[Discuss this Question](#)

12. The dependency lookup technique strongly couples the code?

- A. True
- B. False

Answer: A) True

Explanation:

Yes, The dependency lookup technique strongly couples the code, which makes it a problem to use this approach.

13. Does the Dependency Lookup technique causes several issues when testing the program, particularly in black box testing?

- A. Yes
- B. No

Answer: A) Yes

Explanation:

The Dependency Lookup technique causes several issues when testing the program, particularly in black box testing.

14. Spring framework's ____ capability allows you to insert object dependencies indirectly.

- A. Autowiring
- B. Autoreferences
- C. Applicationbean
- D. AutoBeans

Answer: A) Autowiring

Explanation:

Spring framework's autowiring capability allows you to insert object dependencies indirectly.

15. Does Autowiring requires more coding?

- A. Yes
- B. No

Answer: B) No

Explanation:

No, Autowiring needs the least amount of coding.

16. Which of the following is the default autowiring mode?

- A. Byname
- B. ByType
- C. No
- D. Constructor

Answer: C) No

Explanation:

No is the standard autowiring mode. It signifies that autowiring is off by default.

[Discuss this Question](#)

17. When using ____ autowiring mode, the bean id and reference name must be identical.

- A. Byname
- B. ByType
- C. No
- D. Constructor

Answer: A) Byname

Explanation:

When using byName autowiring mode, the bean id and reference name must be identical.

[Discuss this Question](#)

18. Which of the following scope, restricts the bean specification to a single instance per Spring IoC container?

- A. Singleton
- B. Prototype
- C. Session
- D. Global-session

Answer: A) Singleton

Explanation:

Singleton scope, restricts the bean specification to a single instance per Spring IoC container.

[Discuss this Question](#)

19. Which of the following scope allows a single bean specification to have an unlimited number of object instances?

- A. Singleton

- B. Prototype
- C. Session
- D. Global-session

Answer: B) Prototype

Explanation:

Prototype scope allows a single bean specification to have an unlimited number of object instances.

[Discuss this Question](#)

20. The scope is always ____ by default?

- A. Singleton
- B. Prototype
- C. Session
- D. Global-session

Answer: A) Singleton

Explanation:

The scope is always singleton by default.

[Discuss this Question](#)

21. Singleton scope should be used with ____.

- A. EJB stateless session
- B. EJB stateful session bean.

Answer: A) EJB stateless session

Explanation:

Singleton scope should be used with EJB stateless session bean.

[Discuss this Question](#)

22. Prototype scope should be used with ____.

- A. EJB stateless session
- B. EJB stateful session bean.

Answer: B) EJB stateful session bean.

Explanation:

Prototype scope should be used with EJB stateful session bean.

[Discuss this Question](#)

23. What is AOP?

- A. Aspect object programming
- B. Aspect-oriented programming
- C. Artificial-oriented programming
- D. Artificial object programming

Answer: B) Aspect-oriented programming

Explanation:

AOP stands for Aspect-oriented programming

[Discuss this Question](#)

24. ____ beans are defined inside the scope of another bean.

- A. Core
- B. Outer
- C. Peripheral
- D. Inner

Answer: D) Inner

Explanation:

Inner beans are defined inside the scope of another bean.

[Discuss this Question](#)

25. ____ denotes an action taken by an aspect at a specific join point.

- A. Interceptor
- B. Advice
- C. Pointcut
- D. Target Object

Answer: B) Advice

Explanation:

Advice denotes an action taken by an aspect at a specific joint point.

[Discuss this Question](#)

26. Which of the following type of advice executes before and after a joint point?

- A. Before advice
- B. After Returning Advice
- C. After Throwing Advice
- D. Around Advice

Answer: D) Around Advice

Explanation:

Around Advice is a type of advice that is executed before and after a joint point.

[Discuss this Question](#)

27. Which of the following type of advice executes if the method exits by throwing an exception?

- A. Before advice
- B. After Returning Advice
- C. After Throwing Advice
- D. Around Advice

Answer: C) After Throwing Advice

Explanation:

After throwing advice is a type of advice that is executed if the method exits by throwing an exception.

[Discuss this Question](#)

28. Which of the following type of advice executes after a joint point has been completed properly?

- A. Before advice
- B. After Returning Advice
- C. After Throwing Advice
- D. Around Advice

Answer: B) After Returning Advice

Explanation:

After Returning Advice executes after a joint point has been completed properly.

[Discuss this Question](#)

29. How many types of collection configuration element does Spring offers?

- A. 3
- B. 4
- C. 2
- D. 5

Answer: B) 4

Explanation:

Spring provides the following four types of collection configuration elements:

- <LIST>
- <MAP>
- <SET>
- <PROPS>

[Discuss this Question](#)

30. ___ aids in wiring a group of values that are not duplicated?

- A. <LIST>
- B. <MAP>
- C. <SET>
- D. <PROPS>

Answer: C) <SET>

Explanation:

<SET> aids in wiring a group of values that are not duplicated.

[Discuss this Question](#)

31. Which of the following is useful for wiring, such as injecting a list of variables and allowing for duplication?

- A. <LIST>
- B. <MAP>
- C. <SET>
- D. <PROPS>

Answer: A) <LIST>

Explanation:

<LIST> is useful for wiring, such as injecting a list of variables and allowing for duplication.

[Discuss this Question](#)

32. ____ can be employed to inject a collection of name-value pairs with any type of name and value?

- A. <LIST>
- B. <MAP>
- C. <SET>
- D. <PROPS>

Answer: B) <MAP>

Explanation:

<MAP> can be employed to inject a collection of name-value pairs with any type of name and value.

[Discuss this Question](#)

33. How many different ways may Spring-based apps be configured?

- A. Java-based configuration
- B. XML-based configuration
- C. Annotation-based configuration
- D. All of the above

Answer: D) All of the above

Explanation:

Spring-based apps be configured in the following ways:

- Java-based configuration
- XML-based configuration
- Annotation-based configuration

[Discuss this Question](#)

34. How many autowiring modes are there in Spring?

- A. 4
- B. 5
- C. 2
- D. 3

Answer: A) 4

Explanation:

There are 4 autowiring modes:

- No
- ByName

- Bytype
- Constructor

[Discuss this Question](#)

35. What are the limitations of autowiring in spring?

- A. Simple attributes like as primitives, Strings, and Classes cannot be autowired.
- B. Autowiring is not as precise as explicit wiring.
- C. All of the above

Answer: C) All of the above

Explanation:

Following are the disadvantages of autowiring:

- Simple attributes like as primitives, Strings, and Classes cannot be autowired.
- Autowiring is not as precise as explicit wiring.

[Discuss this Question](#)

36. ____ is a class that accepts incoming requests and routes them to the appropriate resources such as controllers, models, and views.

- A. DispatcherServlet
- B. Servlet
- C. ServletContext
- D. HandlerAapter

Answer: A) DispatcherServlet

Explanation:

DispatcherServlet is a class that accepts incoming requests and routes them to the appropriate resources such as controllers, models, and views.

[Discuss this Question](#)

37. With Spring Web MVC, which class serves as the front controller?

- A. DispatcherServlet
- B. Servlet
- C. ServletContext
- D. HandlerAapter

Answer: A) DispatcherServlet

Explanation:

The DispatcherServlet class serves as the front controller in Spring Web MVC.

[Discuss this Question](#)

38. Which annotation designates a class as the controller?

- A. @cont
- B. @controller
- C. @_controller
- D. @__controller

Answer: B) @controller

Explanation:

The @Controller annotation designates a class as the controller.

[Discuss this Question](#)

39. A ____ contains an application's business logic.

- A. Model
- B. View
- C. Controller

Answer: C) Controller

Explanation:

A controller contains an application's business logic.

[Discuss this Question](#)

40. We can construct only one controller in Spring MVC at the same time?

- A. True
- B. False

Answer: B) False

Explanation:

We can construct many controllers in Spring MVC at the same time.

[Discuss this Question](#)

41. In the controller class, ____ is used to read the HTML form data that the user has given.

- A. HttpServletRequest
- B. Model
- C. HttpModel

Answer: A) HttpServletRequest

Explanation:

HttpServletRequest is used to read the HTML form data that the user has given.

[Discuss this Question](#)

42. What are the responsibilities of JdbcTemplate class?

- A. Takes care of resource generation
- B. We can carry out all database operations.
- C. Handles the exception and displays useful error messages
- D. All of the above

Answer: D) All of the above

Explanation:

Following are the responsibilities of Jdbctemplate class:

- Takes care of resource generation
- We can carry out all database operations.
- Handles the exception and displays useful error messages

[Discuss this Question](#)

43. Using the ____ function of the JdbcTemplate class, we can simply get records from the database.

- A. Fetch()
- B. Query()
- C. Get()

Answer: B) Query()

Explanation:

Using the query() function of the JdbcTemplate class, we can simply get records from the database.

[Discuss this Question](#)

44. ____ is used to increase modularity by cross-cutting concerns.

- A. JVM
- B. Jdbctemplate class
- C. OOP
- D. AOP

Answer: D) AOP

Explanation:

AOP is used to increase modularity by cross-cutting concerns.

[Discuss this Question](#)

45. The ResultSetExtractor is used ____.

- A. To get records from a database
- B. To set records of a database
- C. None

Answer: A) To get records from a database

Explanation:

The ResultSetExtractor is used to get records from a database.

[Discuss this Question](#)

46. Which of the following helps us to fetch the record from the database?

- A. ResultSetExtractor
- B. RowMapper
- C. Both
- D. None

Answer: C) Both

Explanation:

ResultSetExtractor, and RowMapper both are used to fetch the record from the database.

[Discuss this Question](#)

47. Which of the following annotation is used to associate a URL with a whole class or a specific handler function?

- A. @RequestMapping

- B. @RequestMap
- C. @RequestMapper
- D. @Mapper

Answer: A) @RequestMapping

Explanation:

The @RequestMapping annotation is used to associate a URL with a whole class or a specific handler function.

[Discuss this Question](#)

48. Among Local and Global transactions, which is easier to implement?

- A. Local Transactions
- B. Global transactions

Answer: A) Local Transactions

Explanation:

Local transactions are easier to implement.

[Discuss this Question](#)

49. Which transaction management is required in a distributed computing environment?

- A. Local Transactions
- B. Global transactions

Answer: B) Global transactions

Explanation:

Global transaction management is required in a distributed computing environment, whereas Local transaction management is required in a centralized computing environment.

[Discuss this Question](#)

50. How many types of transaction management does spring support?

- A. 3
- B. 4
- C. 5
- D. 2

Answer: D) 2

Explanation:

Spring supports two types of transaction management:

- Programmatic transaction management
- Declarative transaction management

[Discuss this Question](#)

51. Which type of transaction management is preferred?

- A. Programmatic transaction management
- B. Declarative transaction management

Answer: B) Declarative transaction management

Explanation:

Declarative transaction management is preferred over programmatic transaction management.

[Discuss this Question](#)

52. Which type of transaction management enables you to handle transactions using programming in your source code?

- A. Programmatic transaction management
- B. Declarative transaction management

Answer: A) Programmatic transaction management

Explanation:

The programmatic transaction management solution enables you to handle transactions using programming in your source code.

[Discuss this Question](#)

53. Which type of transaction management allows you to handle transactions using configuration rather than hard-coding in your source code?

- A. Programmatic transaction management
- B. Declarative transaction management

Answer: B) Declarative transaction management

Explanation:

The declarative transaction management solution allows you to handle transactions using configuration rather than hard-coding in your source code.

[Discuss this Question](#)

54. What is DAO?

- A. Data-accurate object
- B. Data access oriented
- C. Data access object

Answer: C) Data access object

Explanation:

DAO stands for Data Access Object.

[Discuss this Question](#)

55. The key unit of modularity in OOP is the ____?

- A. Module
- B. Class
- C. Aspect
- D. Objects

Answer: B) Class

Explanation:

The key unit of modularity in OOP is the class.

[Discuss this Question](#)

56. The key unit of modularity in AOP is the ____?

- A. Module
- B. Class
- C. Aspect
- D. Objects

Answer: C) Aspect

Explanation:

The key unit of modularity in AOP is the Aspect.

[Discuss this Question](#)

57. Which Annotation indicates that a particular parameter, return value, or field is null?

- A. @null
- B. @nullable
- C. @nullify

Answer: B) @nullable

Explanation:

@nullable annotation indicates that a particular parameter, return value, or field is null.

[Discuss this Question](#)

58. ____ is the technique of connecting aspects with other types of applications.

- A. Weaving
- B. Interceptor
- C. Jointpoint

Answer: A) Weaving

Explanation:

Weaving is the technique of connecting aspects with other types of applications.

[Discuss this Question](#)

59. ____ is a class-like feature that just includes one piece of advice.

- A. Weaving
- B. Interceptor
- C. Jointpoint

Answer: B) Interceptor

Explanation:

Interceptor is a class-like feature that just includes one piece of advice.

[Discuss this Question](#)

60. SpEL stands for ____.

- A. Spring expression language
- B. Spring ejection language
- C. Spring ejection Locator

Answer: A) Spring expression language

Explanation:

SpEL stands for Spring expression language.

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