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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
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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
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Spring Boot + React JS + MySQL Project List

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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

Advanced Java MCQs with Answers

Here's a set of MCQs designed to test and improve your advanced Java knowledge:

Q1. What Does the 'transient' Keyword do in Java?

- A. Prevents a variable from being serialized.
- B. Restricts access to a variable outside its Class.
- C. Denotes a variable as immutable.
- D. Marks a variable as constant.

Answer: The correct answer to this advanced Java MCQ for Java professionals is 'A' – Prevents a variable from being serialized.

Q2. Why Use the 'volatile' Keyword in Java?

- A. Ensures a variable's value never changes.
- B. Guarantees single-threaded access to a variable.
- C. Signals that a variable's value may change unexpectedly.
- D. Forces simultaneous access to a variable by multiple threads.

Answer: C. Signals that a variable's value may change unexpectedly.

Q3. What Does the 'finally' Block Execute in Java?

- A. Only if an exception occurs.
- B. Only if no exception occurs.
- C. Regardless of whether an exception occurs or not.
- D. It's not a valid construct in Java.

Answer: The correct answer to this advanced Java MCQ for Java professionals is 'C' – Regardless of whether an exception occurs or not.

Q4. What is the Function of the Super Keyword in Java?

- A. Access variables and methods of the current Class.

- B. Invoke the superclass constructor.
- C. Indicate a class cannot be inherited.
- D. Define a superclass.

Answer: B. Invoke the superclass constructor.

Q5. What Does the 'static' Keyword Signify in Java?

- A. Indicates that a variable is constant.
- B. Denotes a method or variable belonging to the Class rather than instances.
- C. Specifies a method that cannot be overridden.
- D. Signals a variable that can be accessed only within its class.

Answer: B. Denotes a method or variable belonging to the Class rather than instances.

Q6. Which of the following is True for Java's Abstract Classes?

- A. They cannot have constructors.
- B. They must implement all methods declared abstract.
- C. They can be instantiated.
- D. They are used to create objects directly.

Answer: A. They cannot have constructors.

Q7. What is the Function of the 'this' Keyword in Java?

- A. Access variables and methods of the current Class.
- B. Invoke the superclass constructor.
- C. Indicate a class cannot be inherited.
- D. Define a subclass.

Answer: A. Access variables and methods of the current Class.

Q8. What Role Does the 'extends' Keyword Play in Java?

- A. Implements an interface.
- B. Indicates that a class inherits from another class.

- C. Defines a superclass.
- D. Denotes a method is overloaded.

Answer: The correct answer to this advanced Java MCQ for Java professionals is 'B' – Indicates that a class inherits from another class.

Q9. What is the Purpose of the 'new' Keyword in Java?

- A. Allocates memory for a new object or array.
- B. Marks a class as new and experimental.
- C. Creates a constant value.
- D. Initializes a variable with a default value.

Answer: A. Allocates memory for a new object or array.

Q10. What Does the 'final' Keyword Signify in Java?

- A. Indicates that a variable's value cannot be changed.
- B. Denotes a method that cannot be overridden.
- C. Specifies a class that cannot be subclassed.
- D. Signals a variable that can be accessed only within its class.

Answer: A. Indicates that a variable's value cannot be changed.

Q11. Why is the 'instance of' Operator Used in Java?

- A. Checks if an object is null.
- B. Determines if an object is of a particular type.
- C. Converts an object to a specified type.
- D. Check if two objects are equal.

Answer: The correct answer to this advanced Java MCQ for Java professionals is 'B' – Determines if an object is of a particular type.

Q12. What is the Java "break" Statement Used For?

- A. Exits a loop or switch statement.

- B. Continues to the next iteration of a loop.
- C. Throws an exception.
- D. Terminates the program.

Answer: The correct answer to this advanced Java MCQ for Java professionals is 'A' – Exits a loop or switch statement.

Q13. What is the Purpose of the 'default' Keyword in a Switch Statement in Java?

- A. Specifies the default value for a variable.
- B. Marks a class as the default access level.
- C. Defines the default case in a switch statement.
- D. Indicates the default behavior for a method.

Answer: C. Defines the default case in a switch statement.

Q14. What Does the 'implements' Keyword do in Java?

- A. Declares a variable.
- B. Indicates a class implements an interface.
- C. Specifies a method's implementation.
- D. Denotes a method is overloaded.

Answer: B. Indicates a class implements an interface.

Q15. What is the Purpose of the 'static' Keyword in Java?

- A. Marks a method as private.
- B. Indicates a variable is constant.
- C. Allows access to a method or variable without an instance of the Class.
- D. Prevents inheritance of a method or variable.

Answer: C. Allows access to a method or variable without an instance of the Class.

Q16. What is a Lambda Expression in Java Primarily Used For?

- A. Defining anonymous classes.
- B. Implementing functional interfaces concisely.

- C. Enforcing encapsulation.
- D. Overriding superclass methods.

Answer: B. Implementing functional interfaces concisely.

Q17. In Java, What Does the ‘assert’ Keyword Signify?

- A. Indicates a method as abstract.
- B. Signals that a method will throw an exception.
- C. Denotes a condition that should be true.
- D. Marks a method as final.

Answer: C. Denotes a condition that should be true.

Q18. What Does the ‘this’ Keyword Refer to in Java?

- A. Refers to the current instance of the Class.
- B. Refers to the superclass instance.
- C. Refers to the subclass instance.
- D. Refers to the global instance of the Class.

Answer: A. Refers to the current instance of the Class.

Q19. What is the Purpose of the ‘throws’ Clause in Java Method Declaration?

- A. Specifies the superclass of an exception.
- B. Indicates that a method may throw a specific type of exception.
- C. Specify the parameters a method can accept.
- D. Indicates that a method is abstract.

Answer: The correct answer to this advanced Java MCQ for Java professionals is ‘D’ – Indicates that a method may throw a specific type of exception.

Q20. Which Java Feature Allows a Subclass to Provide a Particular Implementation of a Function that Already Exists in its Superclass?

- A. Overloading

- B. Overriding
- C. Inheritance
- D. Polymorphism

Answer: The correct answer to this advanced Java MCQ for Java professionals is 'B' – Overriding

Q21. What is the Main Purpose of the Synchronized Keyword in Java?

- A. Prevents a method from being overridden.
- B. Ensures only one instance of a class is created.
- C. Facilitates concurrent access to shared resources by multiple threads.
- D. Marks a method as abstract.

Answer: C. Facilitates concurrent access to shared resources by multiple threads.

Q22. In Java, What is the Primary Function of the 'enum' Keyword?

- A. Marks a class as serializable.
- B. Denotes a variable as immutable.
- C. Defines a group of constants.
- D. Indicates a method as synchronized.

Answer: The correct answer to this advanced Java MCQ for Java professionals is 'C' – Defines a group of constants.

Q23. What is the Purpose of the 'finalize()' Method in Java?

- A. Cleans up system resources before an object is garbage collected.
- B. Marks a method as deprecated.
- C. Signals at the end of a program's execution.
- D. Throws an exception when a condition is not met.

Answer: A. Cleans up system resources before an object is garbage collected.

Q24. What Does the Term "boxing" Refer to in Java?

- A. Converting a primitive type to its corresponding wrapper class object.
- B. Enclosing code within a block.

- C. Creating a deep copy of an object.
- D. Executing multiple threads simultaneously.

Answer: A. Converting a primitive type to its corresponding wrapper class object.

Q25. What Does the 'default' Keyword Signify in a Java Interface?

- A. Marks a method as private.
- B. Indicates that a method has a default implementation.
- C. Denotes a method as final.
- D. Prevents a method from being overridden.

Answer: B. Indicates that a method has a default implementation.

Q26. In Java, What Does the 'strictfp' Keyword Ensure?

- A. Guarantees that a method is synchronized.
- B. Specifies that floating-point calculations follow the IEEE 754 standard.
- C. Prevents a method from being inherited.
- D. Indicates that a method is abstract.

Answer: B. Specifies that floating-point calculations follow the IEEE 754 standard.

Q27. What is the Primary Function of the 'super()' Method in Java?

- A. Calls the superclass constructor.
- B. Invokes a static method from the superclass.
- C. Indicates that a method is synchronized.
- D. Allows access to a superclass variable.

Answer: A. Calls the superclass constructor.

Q28. What is the Purpose of the 'strictfp' Keyword in Java?

- A. Indicates that a class cannot be inherited.
- B. Specifies that floating-point calculations follow the IEEE 754 standard.
- C. Ensures that a method is synchronized.

D. Marks a method as abstract.

Answer: B. Specifies that floating-point calculations follow the IEEE 754 standard.

Q29. What is the Significance of the ‘instance of’ Operator in Java?

- A. Determines if two objects are equal.
- B. Check if an object is an instance of a particular class.
- C. Compares the memory addresses of two objects.
- D. Check if a class is a subclass of another class.

Answer: B. Check if an object is an instance of a particular class.

Q30. What is the Primary Purpose of the ‘try-with-resources’ Statement in Java?

- A. Releases system resources acquired within a try block.
- B. Catches exceptions thrown within a try block.
- C. Ensures that a block of code is executed.
- D. Marks a block of code as synchronized.

Answer: A. Releases system resources acquired within a try block.

Q31. What Does the ‘static initializer’ Block in Java do?

- A. Executes whenever an instance of the Class is created.
- B. Initializes static variables of a class.
- C. Executes before the main method.
- D. Defines the superclass of a class.

Answer: The correct answer to this advanced Java MCQ for Java professionals is ‘B’ – Initializes static variables of a class.

Q32. What Does the ‘break’ Statement do in Java?

- A. Terminates the current loop or switch statement.
- B. Continues to the next iteration of a loop.
- C. Skips the remainder of the current iteration and jumps to the next iteration.

D. Throws an exception to exit a method.

Answer: A. Terminates the current loop or switch statement.

Q33. What is the Purpose of the ‘Class.forName()’ Method in Java?

A. Loads a class dynamically at runtime.

B. Retrieves the superclass of a class.

C. Check if an object is an instance of a specific class.

D. Initializes a class.

Answer: The correct answer to this advanced Java MCQ for Java professionals is ‘A’ – Loads a class dynamically at runtime.

Q34. What is the Purpose of the ‘try-with-resources’ Statement in Java?

A. Manages resources by automatically closing them when they are no longer needed.

B. Catches exceptions thrown within a try block.

C. Executes a block of code repeatedly.

D. Specifies the resources available to a class.

Answer: A. Manages resources by automatically closing them when they are no longer needed.

Q35. In Java, What is a ‘stream’ Primarily Used For?

A. Managing user input/output.

B. Storing collections of data.

C. Performing operations on sequences of elements.

D. Representing graphics on a display.

Answer: C. Performing operations on sequences of elements.

Q36. What is the Purpose of the ‘default’ Keyword in Java Interfaces?

A. Specifies a default value for a variable.

B. Marks a method as the default implementation in an interface.

C. Indicates the default package for a class.

D. Defines the default behavior of a class.

Answer: B. Marks a method as the default implementation in an interface.

Q37. In Java, What Does the 'strictfp' Keyword Indicate?

- A. Forces strict adherence to the Java naming conventions.
- B. Specifies that a method cannot be overridden.
- C. Ensures consistent floating-point arithmetic across different platforms.
- D. Marks a variable as static and final.

Answer: B. Ensures consistent floating-point arithmetic across different platforms.

Q38. What is the Purpose of the 'compareTo()' Method in Java?

- A. Compares two strings lexicographically.
- B. Compares two objects for equality.
- C. Compares the memory addresses of two objects.
- D. Compares the sizes of two arrays.

Answer: A. Compares two strings lexicographically.

Q39. What Does the 'break' Statement Do in a Java Switch Statement?

- A. Exit the loop or switch statement.
- B. Continues to the next iteration of the loop.
- C. Skips the current iteration of the loop.
- D. Throws an exception.

Answer: The correct answer to this advanced Java MCQ for Java professionals is 'A' – Exit the loop or switch statement.

Q40. Which Java Collection Class Guarantees the Insertion Order of Elements?

- A. HashSet
- B. TreeMap
- C. LinkedHashMap
- D. TreeSet

Answer: The correct answer to this advanced Java MCQ for Java professionals is ‘C’ – LinkedHashMap

Q41. What is the Primary Purpose of Lambda Expressions in Java?

- A. Defining anonymous classes.
- B. Implementing functional interfaces concisely.
- C. Controlling access to class members.
- D. Declaring static methods.

Answer: B. Implementing functional interfaces concisely.

Q42. In Java, What Does the ‘assert’ Keyword do?

- A. Checks if a condition is true and throws an exception if it’s false.
- B. Marks a variable as immutable.
- C. Signals the end of a method’s execution.
- D. Indicates that a method is abstract.

Answer: A. Checks if a condition is true and throws an exception if it’s false.

Q43. What is the Purpose of the ‘enum’ Keyword in Java?

- A. Specifies a default value for a variable.
- B. Denotes a variable as immutable.
- C. Defines a group of constants.
- D. Indicates a method as synchronized.

Answer: C. Defines a group of constants.

Q44. What Does the ‘finalize()’ Method in Java Primarily Do?

- A. Cleans up system resources before an object is garbage collected.
- B. Marks a method as deprecated.
- C. Signals at the end of a program’s execution.
- D. Throws an exception when a condition is not met.

Answer: A. Cleans up system resources before an object is garbage collected.

Q45. What Does “boxing” Refer to in Java?

- A. Converting a primitive type to its corresponding wrapper class object.
- B. Enclosing code within a block.
- C. Creating a deep copy of an object.
- D. Executing multiple threads simultaneously.

Answer: The correct answer to this advanced Java MCQ for Java professionals is ‘A’ – Converting a primitive type to its corresponding wrapper class object.

Q46. What is the Primary Role of the ‘StringBuilder’ Class in Java?

- A. Represents an immutable sequence of characters.
- B. Provides methods for string manipulation with mutability.
- C. Offers formatting for numeric values.
- D. Manages synchronization in multithreaded applications.

Answer: B. Provides methods for string manipulation with mutability.

Q47. How Does the ‘for each’ Loop Differ From a Regular ‘for’ Loop in Java?

- A. It is used exclusively for arrays.
- B. It doesn’t require an explicit loop variable or index.
- C. It only works with collections.
- D. It can only iterate backward.

Answer: B. It doesn’t require an explicit loop variable or index.

Q48. What Does the ‘continue’ Statement Do in a Java Loop?

- A. Exits the loop.
- B. Skips the remaining code in the loop and moves to the next iteration.
- C. Start the loop from the beginning.
- D. Halts the execution of the program.

Answer: B. Skips the remaining code in the loop and moves to the next iteration.

Q49. What is the Primary Purpose of Math. random()’ method in Java?

- A. Generates a random boolean value.
- B. Produces a random integer.
- C. Returns a random floating-point number between 0.0 and 1.0.
- D. Creates a random character.

Answer: The correct answer to this advanced Java MCQ for Java professionals is ‘C’ – Returns a random floating-point number between 0.0 and 1.0.

Q50. What is a ‘try-with-resources’ Statement Used for in Java?

- A. Declaring variables with limited scope.
- B. Efficiently handling exceptions in a try block.
- C. Managing and automatically closing external resources.
- D. Defining custom exception classes.

Answer: B. Managing and automatically closing external resources.

Q51. What is the Purpose of the ‘default’ Keyword in a Java Switch Statement?

- A. Specifies the default value for a case.
- B. Marks a method as the default implementation in an interface.
- C. Defines the default behavior if no case matches.
- D. Indicates the default package for a class.

Answer: C. Defines the default behavior if no case matches.

Q52. What Does the ‘StringBuffer’ Class Provide in Java?

- A. Immutable strings with efficient manipulation methods.
- B. Mutable strings with synchronization for multithreading.
- C. Methods for comparing string values.
- D. Formatting options for numeric values.

Answer: B. Mutable strings with synchronization for multithreading.

Q53. What Does the 'instance of' Operator Check in Java?

- A. If a variable is uninitialized.
- B. If a variable is equal to null.
- C. If an object is an instance of a specific class or its subclasses.
- D. If a variable is a primitive type.

Answer: The correct answer to this advanced Java MCQ for Java professionals is 'C' – If an object is an instance of a specific class or its subclasses.

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