Important Question's

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BLOCK 1

Ques. 1 List the salient features of the object-oriented programming approach that distinguishes it from procedural programming ?

Ques. 2 Explain the relationship between Data Abstraction and Encapsulation with an example ?

Ques. 3 What is class and object in Java? Explain its advantage and how it creates the object in Java ?

Ques. 4 Explain the polymorphism? Explain the method overloading and overriding using an example ?

Ques. 5 Explain the uses and importance of byte code with the help of examples ?

Ques. 6 What is JVM? Explain the advantages of JVM ?

Important Question's

BLOCK 2

Ques. 1 Explain constructor overloading with a suitable example ?

Ques. 2 What do you understand by the "this" keyword? Explain its usage with an example ?

Ques. 3 Explain with the help of the program, how objects can be passed as parameters in Java ?

Ques. 4 Differentiate between Constructor Overloading and Method Overloading ?

Ques. 5 Explain the term "FINALIZE" statements with examples of each ?

Ques. 6 What is inheritance and explain the different forms of inheritance with the help of diagrams? What are the advantages of using inheritance?

Ques. 7 What is public access specifier? How is it different from private access specifiers? Explain with example ?

Important Question's

BLOCK 2

Ques. 8 What is an abstract class? How it is used to implement polymorphism in java ?

Ques. 9 Explain the term "FINAL" with examples of each ?

Ques. 10 What is a classpath? Discuss the utility of classpath with a suitable example ?

Ques. 11 What is an interface in java? What do you understand by 'implementation interfaces'? Explain with help of examples ?

Ques. 12 Explain the term "FINALLY" statements with examples of each ?

Ques. 13 What do you understand "exception" in the context of Java? How it is handled, explain with the help of suitable example code in Java ?

Ques. 14 What is a checked exception in java? How it's from an unchecked exception? Explain briefly? ?

Important Question's

BLOCK 3

Ques. 1 What is multi-threading with using the program?

- What are the advantages of multithreading ?
- What is the main thread in the context of java ?
- Explain the steps of creating a thread in java.
- Also, explain predefined thread priorities in Java ?

Ques. 2 What is synchronization? Explain how methods are synchronized in java with the help of the program ?

Ques. 3 Explain with the help of an example program, how interthread communication is performed in java using wait() and notify() ?

Ques. 4 What are input stream and Output stream classes in java? List and explain any two methods of each ?

Ques. 5 Write a Java program that accepts the input from the keyboard and writes it to a text file ?

Ques. 6 How does String Buffer diff from a string?
Write a program in java, which takes your name as input and prints it in upper case ?

Ques. 7 Explain the stream Tokenizer with the help of the program ?

Important Question's

BLOCK 4

Ques. 1 What is an applet? Explain the life cycle of Applet? List the method involved in it ?

Ques. 2 How does Java handle events? Describe the different components of an event? Write a program in Java to capture an event generated by the keyboard ?

Ques. 3 Differentiate AWT and Swing Components ?

Ques. 4 What is a layout manager? Discuss the flow layout and grid layout, give suitable examples for each ?

Ques. 5 Write the steps of JDBC in establishing a connection for creating a dynamic website ?

Ques. 6 Explain the Java RMI architecture with the help of a diagram ?

Ques. 7 What are cookies and session objects? Where do use them ?

Ques. 8 What is a JavaBean? Discuss its features in brief ?

ASK