

QUESTION 3: Advanced Java Programming

Analyse the following Java code segment and answer the questions that follow:

```
1 public class GenericCreator<X, Y> {  
2     private X simple;  
3     private Y[] advanced;  
4     public static init(X x) {  
5         System.out.println(x);  
6     }  
7     public void setSimple(X x) {  
8         simple = x;  
9     }  
10    public void createY() {  
11        advanced = new Y[5];  
12    }  
13 }
```

The code shown above does not *compile*. Indicate the line(s) where *problem(s)* occur and provide Java source code that will correct the problem.

Advanced Java Programming Question Bank With Answer

AW Rasmussen



Advanced Java Programming Question Bank With Answer:

Mastering Advanced Java Programming Question Bank Vol-1 Anshuman Mishra,2025-07-08 Java has long held its position as one of the most robust and versatile programming languages in the world With its WORA Write Once Run Anywhere philosophy strong community support extensive libraries and vast application from enterprise software to Android development Java remains a top choice for developers across domains As academia industry and government services increasingly demand Java proficiency there is an ever growing need for quality educational resources that combine theoretical understanding with practical insight This book Mastering Advanced Java Programming QUESTION BANK is designed to fulfill that demand It offers an exhaustive and carefully structured set of conceptual and practice based questions for undergraduate postgraduate and professional level learners The content is aligned with the curricula of BCA MCA B Tech and M Tech programs and caters equally to interview aspirants preparing for top software companies or competitive examinations Purpose of the Book The main goal of this book is to create a comprehensive question bank that supports deep conceptual clarity practical problem solving and real world application of advanced Java programming topics Rather than simply providing theoretical content this book focuses on Enabling mastery through questions Helping students and professionals prepare for technical interviews and campus placements Serving as a self assessment tool and a ready reference during academic exams Facilitating the transition from basic to advanced level Java programming through gradual topic progression The book covers all essential and advanced topics in Java ensuring a 360 degree approach to learning the language Who Should Use This Book This book is ideal for Undergraduate and Postgraduate Students of BCA MCA B Tech M Tech Computer Science IT Software Engineering AI Data Science etc Faculty Members and Trainers who want a ready resource for quizzes assignments and classroom problem solving sessions Software Professionals and Developers who want to brush up on their Java fundamentals and advanced knowledge Job Aspirants and Interview Candidates preparing for software interviews at top companies like TCS Infosys Wipro Cognizant Capgemini Google Amazon Microsoft etc Competitive Exam Candidates preparing for UGC NET GATE NIELIT ISRO DRDO or PSU exams Structure of the Book Each chapter in this book is centered around a major concept or module of advanced Java The topics are logically sequenced to help learners move from foundational to complex topics efficiently Every chapter includes 50 Multiple Choice Questions MCQs To quickly test theoretical and applied understanding of key concepts 25 Short Answer Questions These are designed to reinforce definitions syntax differences and direct knowledge 15 Mid Length Answer Questions These offer detailed explanations programming scenarios and algorithmic logic 20 Programming Questions with Answers Focused on hands on coding problems real time logic implementation debugging exercises and project level code blocks This uniform structure ensures that learners not only grasp the concept but also gain confidence through layered practice *Mastering Advanced Java Programming Question Bank Vol-2* Anshuman Mishra,2025-07-08 Who Should Use This Book This book is ideal for

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Instructor's Manual and Test Bank to Accompany Slack's Programming and Problem Solving with Java, 2000 **Java Programming with Microsoft Visual J++ 6.0** Joyce Farrell, Don Gosselin, 1999 This title presents fundamental programming concepts using Microsoft's Visual J 6 0 Step by step exercises illustrate the concepts being explained reinforcing the reader's understanding and retention The book assumes no previous programming knowledge

Starting Out with Java, Alternate Edition Tony Gaddis, 2004 Late Night Advanced Java Jason Wehling, Vidya Bharat, 1996 Written in a tutorial style this is a beginning programming book It is divided into four main parts progressively taking the programmer through more difficult programming It contains numerous examples and concepts are introduced with interesting real world programs

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WHAT YOU WILL LEARN _ Design an efficient algorithm to solve the problem _ Learn to use python tricks to make your program competitive _ Learn to understand and measure time and space complexity _ Get solutions to questions based on Searching Sorting Graphs DFS BFS Backtracking Dynamic programming

WHO THIS BOOK IS FOR This book will help professionals and beginners clear the Data structures and Algorithms coding test Basic knowledge of Python and Data Structures is a must

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Java Report, 2001 **Advanced Techniques for Java Developers** Daniel J. Berg, J. Steven Fritzinger, 1997 Leading Java experts show you how to design and develop Java applications using the latest Java technologies included in JDKTM 1.1 and JDKTM 1.2 Are you an experienced Java programmer ready to take the leap from applet programming to building full blown business applications Then this is the book for you The authors and contributors show you techniques using the latest Java technologies that dramatically extend the capabilities of Java This book includes the latest in Java Media RMI JDBC JFC JavaBeans™ security and more This is the first book where Java experts come together to show you what technology and techniques they use to produce real world Java applications Using numerous sample programs included on the CD ROM this book provides you with cutting edge techniques for building sophisticated applications using the latest Java technologies Concentrating on topics of vital interest to programmers who need to write mission critical business applications the authors detail and explain the following Advanced I/O and networking Concurrent programming with threads JavaBeans™ Advanced security techniques Java™ foundation classes Java Media JavaServer™ environment Java database connectivity Java Network Computers and JavaOSTM On the CD ROM you will find Source code you can use to build your own applications Java documentation The Java City multimedia demo Try and Buy versions of Java™ Studio™ and Java™ WorkShop™

Java Software Structures for AP Computer Science AB John Lewis, Joe Chase, William Loftus, Leigh Ann Sudol, 2005 Component Strategies, 1998

Computing Fundamentals with Java Rick Mercer, 2002 Computing Fundamentals with Java is the current effort in the author's 11 year journey of integrating object oriented programming into the first computer science course while retaining the commonly accepted fundamentals of computing In addition to traditional topics and the newer objects and classes this text provides three bonus chapters on object oriented software development in the context of a case study This book is written to clearly present fundamental concepts to beginning programmers

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