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databases have become an integral part of modern life today s society is an information driven society and database technology has a direct impact on all aspects of daily life decisions are routinely made by organizations based on the information collected and stored in databases database management systems such as oracle are crucial to apply data in industrial or commercial systems equally crucial is a graphical user interface gui to enable users to access and manipulate data in databases the apache netbeans ide with java is an ideal candidate for developing a gui with programming functionality oracle database programming with java ideas

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covers fundamental and advanced java database programming techniques for beginning and experienced readers this book covers the practical considerations and applications in database programming using java netbeans ide javaserver pages javaserver faces and java beans and comes complete with authentic examples and detailed explanations two data action methods are developed and presented in this important resource with java persistence api and plug in tools readers are directed step by step through the entire database programming development process and will be able to design and build professional data action projects with a few lines of code in mere minutes the second method runtime object allows readers to design and build more sophisticated and practical java database applications advanced and updated java database programming techniques such as java enterprise edition development kits enterprise java beans javaserver pages javaserver faces java rowset object and java updatable resultset are also discussed and implemented with numerous example projects ideal for classroom and professional training use this text also features a detailed introduction to netbeans integrated development environment java web based database programming techniques web applications and web services more than thirty detailed real life sample projects analyzed via line by line illustrations problems and solutions for each chapter a wealth of supplemental material available for download from the book s ftp site including powerpoint slides solution manual jsp pages sample image files and sample databases coverage of two popular database systems sql server 2008 and oracle this book provides undergraduate and graduate students as well as database programmers

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this new edition of invitation to computer science follows the breadth first guidelines recommended by cc2001 to teach computer science topics from the ground up the authors begin by showing that computer science is the study of algorithms the central theme of the book then move up the next five levels of the hierarchy hardware virtual machine software applications and ethics utilizing rich pedagogy and a consistently engaging writing style schneider and gersting provide students with a solid grounding in theoretical concepts as well as important applications of computing and information technology a laboratory manual and accompanying software is available as an optional bundle with this text

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