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EDITION



# Introduction to Java™ Programming and Data Structures

*Comprehensive Version*

ELEVENTH EDITION

Y. Daniel Liang



# Java Programming Daniel Liang 8th Edition

**Oberlin College**



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for database reasonably increased as the data manipulation changes and leverage for storage has become essential Temporal  
database has been one of the special kinds in the field of database According to the concept of time stamping various models  
has emerged and temporal models namely McKenzie BenZvi s and non temporal models namely Colby Deshpande and Larson  
s model has grabbed unique attention towards in this area of temporal database Reliable and Enhanced stratum middleware  
management capabilities enable the temporal queries for ease in transactions Richness in point based and maximum  
timestamp approaches provide high indexing mechanisms which make efficient storage of data in tree structure format The  
proposed prototype model uses Temporal Relational Algebra and TSQL2 declarative language which display the past present  
and future related data The inclusion of T4SQL instead of TSQL2 Temporal Multi Secure Database and spatio temporal  
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