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decisions about structuring data cannot be made without knowledge of the algorithms applied to the data and that, vice versa, the structure and choice of algorithms often depend strongly on the structure of the underlying data. In short, the subjects of program composition and data structures are inseparably intertwined.

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The Basic Toolbox

the algorithms applied to the data and that, vice versa, the structure and choice of algorithms often depend strongly on the structure of the underlying data. In short, the subjects of program composition and data structures are inseparably intertwined. Yet, this book starts with a chapter on data structure for two reasons.

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Page 2 of 620. Preface Preface This book presents the data structures and algorithms that underpin much of today's computer programming. The basis of this book is the material contained in the first

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