

CONTENTS

	Preface	xxi
1	INTRODUCING C	1
1.1	History of C	1
	Origins	1
	Standardization	2
	C-Based Languages	3
1.2	Strengths and Weaknesses of C	4
	Strengths	4
	Weaknesses	5
	Effective Use of C	6
2	C FUNDAMENTALS	9
2.1	Writing a Simple Program	9
	Program: Printing a Pun	9
	Compiling and Linking	10
	Integrated Development Environments	11
2.2	The General Form of a Simple Program	12
	Directives	12
	Functions	13
	Statements	14
	Printing Strings	14
2.3	Comments	15
2.4	Variables and Assignment	17
	Types	17
	Declarations	17
	Assignment	18