		Contents	ix
		The else Clause	78
		Cascaded if Statements	80
		Program: Calculating a Broker's Commission	81
		The "Dangling else" Problem	82
		Conditional Expressions	83
		Boolean Values in C89	84
		Boolean Values in C99	85
	5.3	The switch Statement	86
		The Role of the break Statement	88
		Program: Printing a Date in Legal Form	89
6	LOOPS		99
	6.1	The while Statement	99
		Infinite Loops	101
		Program: Printing a Table of Squares	102
		Program: Summing a Series of Numbers	102
	6.2	The do Statement	103
	•	Program: Calculating the Number of Digits in an Integer	104
	6.3	The for Statement	105
		for Statement Idioms	106
		Omitting Expressions in a for Statement	107
		for Statements in C99	108
		The Comma Operator	109
		Program: Printing a Table of Squares (Revisited)	110
	6.4	Exiting from a Loop	111
		The break Statement	111
		The continue Statement	112
		The goto Statement	113
		Program: Balancing a Checkbook	114
	6.5	The Null Statement	116
7	BASIC TYPES		125
	7.1	Integer Types	125
		Integer Types in C99	128
		Integer Constants	128
		Integer Constants in C99	129
		Integer Overflow	130
		Reading and Writing Integers	130
		Program: Summing a Series of Numbers (Revisited)	131
	7.2	Floating Types	132
		Floating Constants	133
	- ^	Reading and Writing Floating-Point Numbers	134
	7.3	Character Types	134
		Operations on Characters	135
		Signed and Unsigned Characters	136