

CONTENTS

Unit I. The Building Blocks	1
1. Introduction	3
2. Variables, Constants, and Assignment Statements	23
3. Output and Input	38
4. Boolean Expressions and Logic	53
5. Loops and Repetition	67
6. Pascal Reserved Words and Library Functions	92
7. Decision Making and Selection	112
Unit II. Building with the Blocks	145
8. Modules and Branching	147
9. Types	182
10. Arrays	205
11. Sorting and Searching	246
12. Data Organization and Structure	276
13. Sets	320
Appendix A. Some Features of the Apple Pascal Operating System	341
Appendix B. Apple Pascal Graphics and Sound Generation	349
Appendix C. Case Study and File Maintenance	356
Appendix D. A Comparison of BASIC and Pascal	364
Glossary	375
Answers to Even-Numbered True-False Questions	393
Index	395