

Computer Technics and Algorithms .....	1
PASCAL and Programs .....	1
Structured Programs .....	1
The Program Heading .....	2
The var Segment.....	2
Variable Names .....	2
Real Data .....	3
The Instructions Segment.....	3
Variable Declaration within PASCAL.....	3
Standard Data Types Within PASCAL.....	4
Boolean Type .....	4
Character Type .....	4
Borland PASCAL Types.....	4
String Type.....	5
The Byte Type .....	5
The Word Type .....	5
Data Within the Program Text .....	5
Comments.....	7
Assignments .....	7
Operands.....	8
Operators .....	8
Real Operators .....	8
Integer Operators .....	8
Logical Operators .....	9
Character Operators.....	9
String Operators .....	9
Standard Procedures.....	9
Defining Your Own Types - the type segment .....	9
Syntax .....	10
Statements .....	11
The Flow of Control Within a Program .....	11
The IF - THEN - ELSE construction .....	11
The REPEAT - UNTIL construction .....	12
The WHILE - DO Construction .....	13

The FOR - DO Construction .....	14
Procedures and Functions.....	15
Local and Global Variables.....	16
Exercises.....	18
Returning Results via Parameters .....	19
Functions .....	20
Recursion.....	21
Constants .....	22
Arrays .....	23
More than one dimension arrays .....	24
More than two dimensions.....	24
File Handling in Pascal .....	25
Assigning a File.....	25
Beginning Data Transfer .....	26
Reset.....	26
Rewrite .....	26
Using Files with Read and Write .....	27
Closing the File .....	27
The Case Construction .....	27
Records.....	29
Files of Structured Variables .....	30
Sets .....	30