

# Nascom Documentation Library – Microsoft Basic



## 1. Introduction

### 1.1 Introduction to this manual

- a. Conventions
- b. Definitions

### 1.2 Modes of operation

### 1.3 Formats

- a. Lines
- b. Remarks
- c. Error Messages

### 1.4 Editing – elementary provisions

- a. Correcting single characters
- b. Correcting lines
- c. Correcting whole programs

### 1.5 Program input with Nas-sys

## 2. Expressions and Statements

### 2.1 Expressions

- a. Constants
- b. Variables
- c. Array variables
- d. Operators and precedence
- e. Logical operations
- f. The LET statement

### 2.2 Branching and Loops

- a. Branching
  - 1) GOTO
  - 2) IF...THEN
  - 3) ON...GOTO
- b. Loops – FOR and NEXT statements
- c. Subroutines – DOSUB and RETURN statements
- d. Memory limitations

### 2.3 Input / Output

- a. INPUT
- b. PRINT
- c. DATA, READ, RESTORE
- d. CSAVE, CLOAD
- e. Miscellaneous
  - 1) WAIT
  - 2) PEEK, POKE
  - 3) DEEK, DOKE
  - 4) OUT, INP

## 3. Functions

### 3.1 Intrinsic functions

[3.2 User-defined functions – the DEF statements](#)

[3.3 Errors](#)

[4. Strings](#)

[4.1 String data](#)

[4.2 String operations](#)

[a. Comparison operators](#)

[b. String expressions](#)

[c. Input/Output](#)

[4.3 String functions](#)

[5. Additional commands](#)

[a. Monitor](#)

[b. Width](#)

[c. CLS](#)

[d. SCREEN](#)

[e. LINES](#)

[f. SET](#)

[g. RESET](#)

[h. POINT](#)

[i. Data input with Nas-sys](#)

[j. Printer support](#)

[k. Aborting programs](#)

[6. Lists and directories](#)

[6.1 Commands](#)

[6.2 Statements](#)

[6.3 Intrinsic functions](#)

[6.4 Special characters](#)

[6.5 Error messages](#)

[6.6 Reserved words](#)

[7. Running Basic](#)

[Appendix A. ASCII character codes](#)

[Appendix B. Speed and space hints](#)

[Appendix C. Mathematical functions](#)

[Appendix D. Nascom Basic and machine language](#)

[Appendix E. Using the cassette interface](#)

[Appendix F. Converting basic programs not written for Nascom computers](#)

[Appendix G Storage used](#)

[Appendix H Useful books](#)

[Appendix I. Useful routines](#)

[Appendix J. Single character input of reserved words](#)