

13/02/2025

FEBRUARY 24

07

WEDNESDAY

WED 06 DAY 035-328

Basic elements of 'FORTRAN'

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31									

FORTRAN is one of the computer languages commonly used by scientists and other for technical calculations. These technical calculations are too difficult or take too long to be performed by hand.

FORTRAN has its own special alphabet. The special alphabet used with the FORTRAN 90/95 language is known as the FORTRAN character set. It consists of 86 symbols shown below.

- 26 - uppercase letters of the alphabet A to Z
- 26 - lowercase letters of the alphabet a to z
- 10 - Digits - 0 to 9
- 1 - Underscore character
- 5 - Arithmetic symbols + - * / **
- 18 - miscellaneous symbols, ~~etc~~ etc

M	T	W	T	F	S	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

FEBRUARY '24

TUESDAY

06

WK 06 DAY 037-329

There are five intrinsic or built in types of FORTRAN, constants and variables.

Three of them are numeric [^{types} integer, Real and complex (^{types} INTEGER, REAL and COMPLEX)], One is logical (^{types} LOGICAL). And One consists of characters (^{types} CHARACTER).

An integer variable is a variable containing a value of the integer data type.