

QBASIC

Chapter 3

- By Sunita Kumari

QBASIC

- Operators
- Types of Operators[Arithmetical]
- Statement
- Commands:
 - Cls , Let, Input, Print

QBASIC

Operators: These are the symbols used to perform Arithmetical and logical calculations.

Types of Operators :

(a) Arithmetic Operators :

These operators only applied to Numeric constants and numeric variables and gives the numeric output.

These are :

+ (addition) , - (subtraction) ,
*(multiplication) , / (Divide)

COMMANDS

PRINT : This is output command of Qbasic. This display the messages and variable values on screen.

Syntax: PRINT Constant/Variable/Mathematical expression

Example 1. PRINT "WELCOME " OUTPUT : WELCOME

Example 2. PRINT "1" OUTPUT : 1

Example 3. PRINT 2 OUTPUT : 2

Example 4. print "2+3" OUTPUT : 2+3

QBASIC

Eg: PRINT 4+5

Output: 9

[Print is command which display values(output) on screen]

PRINT 4*5

Output : 20

Order of Execution of these Operators :
/(divide) , *(multiplication) , +(add) , -(subtract)

ARITHMETICAL OPERATION PROGRAMS

1. Print $10/2+3*8-2$

Solution:- First $10/2 = 5$
 $5+3*8-2$, Second $3*8=24$
 $5+24-2$, Third $5+24=29$
 $29-2$, Fourth $29-2=27$

2. Print $5+8*9/9-4$

Solution:- First $9/9 = 1$
 $5+8*1-4$, Second $8*1=8$
 $5+8-4$, Third $5+8=13$
 $13-4$, Fourth $13-4=9$

Mind Drill

Arrange the operators according to their execution:

- , * , + , /

State the output :

- A) PRINT "Computer"
- B) PRINT 17/4
- C) PRINT "4+5"
- D) PRINT 12*5+6-18/9

Statements : The commands or instructions in Qbasic are called statements.

The collection of related statements to get a desired output is known as **program**.

Types of statements and their commands of Qbasic:

<u>Type of Statement</u>	<u>Command</u>
Clearing the Output window	CLS
Assignment Statement	LET
Input Statement	INPUT
Output Statement	PRINT
Remark Statement	REM
Conditional Statement	IF THEN ELSE
Looping Statement	FOR – NEXT , WHILE-WEND