Excel organizes worksheets by work book on the basis that you may need more than one worksheet for any given project
Each new workbook you open contains three worksheets by default But you can add worksheets up to a maximum of 255 .
You can also remove one or two worksheets from the original three if you need
Each worksheet contains 65,536 Rows -Numbered from 1 to 65536
Each worksheet contains 256 Columns-named from - A to IV - the first 26 columns are numbered $\mathrm{A}-\mathrm{Z}$ the next 26 AA to Az the next 26 BA to BZ

The worksheets are numbered automatically from sheet 1 to sheet 256

## .Operators

## 1. Arthimatic Operators

2. logical Operators
3. text Operators
4. reference Operators

## 1.Arthimatic Operators

| Operator | Action | $\underline{\text { Example }}$ |
| :--- | :--- | :--- |
| + | Addition | $=\mathrm{D} 4+\mathrm{E} 4$ |
| $/$ | Division | $=20 / \mathrm{E} 4$ |
| $*$ | Multiplication | $=\mathrm{E} 5 * 24$ |
| - | Subtraction | $=\mathrm{D} 4-\mathrm{E} 4$ |

## 2.Logical Operators

| Operator | Meaning | Example` |
| :--- | :--- | :--- |
| $=$ | Equal to | $=\mathrm{D} 5=6$ |
| $>$ | Greater than | $=\mathrm{D} 3>6$ |
| $<$ | Lessthan | $=6<5$ |
| $\langle=$ | Greater than or equal to | $=$ A $33>=250$ |
| $\langle=$ | Less than or equal to | $=88<=10000$ |

## 3.Text Operator

1.To join the two text "\&"

Example :- c47\&D47
result is another cell

$$
\begin{array}{r}
2 . \mathrm{A} 11=50 \\
\mathrm{~B} 11=100
\end{array}
$$

Result is active cell 50,100.

## 4.Reference Operators

| Operator | Meaning | Example |
| :--- | :--- | :--- |
|  | Range refers to the cells <br> between the two <br> reference cells | A1:A3 |
|  | Union for combining <br> two or more references <br> into one | Sum(A1:A3,A5:A7) |
|  | Intersection indicates a <br> reference to a cell or <br> cells shared by two <br> references | Sum(A3:B10 A4:D4) |
|  |  |  |

## Precedence:-this means order

| Operator | Action |
| :--- | :--- |
| - | Negation |
| $\%$ | Percent |

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| $\wedge$ | Exponentiation |
| :--- | :--- |
| $*$ and $/$ | Multiplication and <br> division |
| + and - | Addition and <br> substration |
| $=,>,<,<=,>=,<>$ | comparision |

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