

* Performing output operation:

`printf ("format string", { list of values
or
value of various
arithmetic eqn });`
 ↳ output function

`printf` is a predefined output function which will display given constant value, value of the variable or result of an arithmetic expression on to the standard output device monitor.

Scope:

* Along with the data one or more variables can be specified in case of more than one they must be separated by (,) comma.

* No. of values or variables must match with number of format string. Only for the string constants no need of specifying format string.

* O/p of every `printf` statement will be on the next available column by using a new line character \n we can display the o/p on the new line.

Example:

```
printf ("%d", 10); 10
printf ("%f", 18.22); 18.22
printf ("%c", 'A'); A
printf ("COMPUTRONICS", COMPUTRONICS)
int a=10; b=20 a=10
printf ("\n a=%d", a); b=20
```