

→ Manipulators: -

Manipulators are operators that are used to format the data display. The most commonly used manipulators are 'endl' and 'setw'.

The endl (end of line) manipulator when used in output statement causes a line feed to be inserted.

It has the same effect as using the new line characters '\n' or "\n".

setw: - setw means set width. The manipulator setw specifies a field width for printing the values of variable. The value is write justified within the field for these manipulator. We should include iomanip.h.

Program: -

```
#include <iostream.h>
#include <iomanip.h>
void main ( )
{
    int basic = 450, allowance = 95, total = 1045;
    cout << setw(10) << "Basic" << setw(10) <<
        basic << endl;
    cout << setw(10) << "Allowance" << setw(10) <<
        allowance << endl << setw(10) <<
        "Total" << total << setw(10) << total << endl;
}
```