SHORT CIRCUIT OPERATOR(&&, ||)

These are exactly same as bitwise operator(&, |) expect the following differences

|  |  |
| --- | --- |
| &,| | &&, || |
| Execute both argument | Second argument is optional |
| Relative is performance is low | Relative performance is high |
| Applicable both for boolean and integral types | Applicable only for boolean type |

Example:

**int** x = 10, y = 15;

**if**(++x < 10 & ++y>15) {

x++;

} **else** {

y++;

}

System.***out***.println(x+**", "**+y);

|  |  |  |
| --- | --- | --- |
|  | X | Y |
| & | 11 | 17 |
| && | 11 | 16 |
| | | 12 | 16 |
| || | 12 | 16 |