**3.14 Difference between preincrement and postincrement.**

• Preincrement (++x): Increases the value before using it.

• Postincrement (x++): Uses the value first, then increases it.

Example:

int x = 5;

System.out.println(++x); // Outputs 6

System.out.println(x++); // Outputs 6 (but x becomes 7 afterward)