Bitwise NOT /Bitwise Compliment Operator

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Bitwise NOT / Compliment:

Bitwise NOT (or) Bitwise Complement is a unary operator that uses one operand and inverts all the bits present in that operand. It produces a new number as output with each bit reversed. When bitwise complement is used all the 1's are replaced by 0's and all the 0's are replaced by 1's.

Bitwise complement is represented by "tilde" (~) sign.

Java code for bitwise complement operation:

```
class Complement
{
    public static void main(String []args)
    {
        int    a=3;    //    the    binary    value    of    3    is
00000000000000000000000000000011
        int    b=~a;    //    this    converts    the    binary    value    into
11111111111111111111111111111100 whose decimal value is -4.
        System.out.println(b);
    }
}
```