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Bitwise Operator:

In Java, bitwise operators perform operations on integer data at the individual bit-level. Here, the integer data includes int, short, long ,byte types of data. Some of operators are .

1)Left Shift Operator(<<):

The signed left shift operator (<<) shifts a bit pattern to the left. It is represented by the symbol **<<.** It also preserves the leftmost bit (sign bit). It does not preserve the sign bit.

Example for Left shift operator(<<):

```java
package operators;

public class logical {

    public static void main(String[] args) {
        int a = 64, b;
        b = (a << 2);

        System.out.println("The value of b is" + b);
    }

}
```

Output:

```
The value of b is256
```

2)Right shift operator:

The signed right shift operator shifts a bit pattern of a number towards the **right** with a specified number of positions and fills 0. The operator is denoted by the symbol **>>.**

```java
package operators;

public class logical {

    public static void main(String[] args) {
        int a = 64, b;
        b = (a >> 2);

        System.out.println("The value of b is" + b);
    }

}
```