

```
1 //22. Create a program that shows use of right shift
  operator.S
2 public class RightShiftExample {
3     public static void main(String[] args) {
4         int num = 20; // Binary representation: 0001
          0100
5         int shiftBy = 2;
6
7         int result = num >> shiftBy; // Right shift
          by 2 positions
8
9         System.out.println("Original number: " + num
10        );
11        System.out.println("Binary representation: "
12        + Integer.toBinaryString(num));
13        System.out.println("After right shift by " +
          shiftBy + " positions: " + result);
14        System.out.println("Binary representation
          after shift: " + Integer.toBinaryString(result));
15    }
16 }
```