```java
1  //21. Create a program that shows use of left shift
   operator.
2  public class LeftShiftExample {
3      public static void main(String[] args) {
4          int num = 5; // Binary representation: 0000
   0101
5          int shiftBy = 2;
6
7          int result = num << shiftBy; // Left shift by
    2 positions
8
9          System.out.println("Original number: " + num
   );
10         System.out.println("Binary representation: "
   + Integer.toBinaryString(num));
11         System.out.println("After left shift by " +
   shiftBy + " positions: " + result);
12         System.out.println("Binary representation
   after shift: " + Integer.toBinaryString(result));
13     }
14 }
15
```