```java
import java.util.Scanner;

public class CH18 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);


        System.out.println("Enter two integers to find their GCD:");
        int num1 = scanner.nextInt();
        int num2 = scanner.nextInt();
        System.out.println("GCD of " + num1 + " and " + num2 + " is: " + gcd(num1,
num2));


        System.out.println("Enter an integer to display its reversal:");
        int number = scanner.nextInt();
        System.out.print("Reversed number: ");
        reverseDisplay(number);
        System.out.println();


        System.out.println("Enter a decimal number to convert to binary:");
        int decimal = scanner.nextInt();
        System.out.println("Binary equivalent: " + dec2Bin(decimal));

        scanner.close();
    }


    public static int gcd(int m, int n) {
        if (m % n == 0) {
            return n;
        } else {
            return gcd(n, m % n);
        }
    }


    public static void reverseDisplay(int value) {
        if (value == 0) {
            return;
        } else {
```

```java
            System.out.print(value % 10);
            reverseDisplay(value / 10);
        }
    }


    public static String dec2Bin(int value) {
        if (value == 0) {
            return "0";
        } else if (value == 1) {
            return "1";
        } else {
            return dec2Bin(value / 2) + value % 2;
        }
    }
}
```