

evenornot

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```
import java.util.Scanner;

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

        // Create a 3x3 matrix
        int[][] matrix = new int[3][3];

        // Input elements into the matrix
        System.out.println("Enter the elements of the 3x3 matrix:");
        for (int i = 0; i < 3; i++) {
            for (int j = 0; j < 3; j++) {
                System.out.print("Enter element at [" + i + "][" + j + "]: ");
                matrix[i][j] = scanner.nextInt();
            }
        }

        // Check if all elements are even
        boolean allEven = true;
        for (int i = 0; i < 3; i++) {
            for (int j = 0; j < 3; j++) {
                if (matrix[i][j] % 2 != 0) {
                    allEven = false;
                    break;
                }
            }
            if (!allEven) {
                break; // Exit outer loop if any odd number is found
            }
        }

        // Output result
        if (allEven) {
            System.out.println("All elements in the matrix are even.");
        } else {
            System.out.println("Not all elements in the matrix are even.");
        }

        // Close the scanner
        scanner.close();
    }
}
```

