

```
import java.util.*;

class MatRev {
    int arr[][];
    int m;
    int n;

    public MatRev(int mm, int nn) {
        m = mm;
        n = nn;
        arr = new int[m][n];
    }

    public void fillArray() {
        try (Scanner sc = new Scanner(System.in)) {
            System.out.println("Enter matrix elements: ");
            for (int i = 0; i < m; i++) {
                for (int j = 0; j < n; j++) {
                    arr[i][j] = sc.nextInt();
                }
            }
        }
    }

    public int reverse(int x) {
        int rev = 0;
        for (int i = x; i != 0; i /= 10)
            rev = rev * 10 + i % 10;
        return rev;
    }

    public void revMat(MatRev p) {
        for (int i = 0; i < m; i++) {
            for (int j = 0; j < n; j++) {
                this.arr[i][j] = reverse(p.arr[i][j]);
            }
        }
    }

    public void show() {
        for (int i = 0; i < m; i++) {
            for (int j = 0; j < n; j++) {
                System.out.print(arr[i][j] + "\t");
            }
            System.out.println();
        }
    }

    public static void main(String args[]) {
        try (Scanner sc = new Scanner(System.in)) {
```

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        System.out.print("Enter number of rows: ");
        int x = sc.nextInt();
        System.out.print("Enter number of columns: ");
        int y = sc.nextInt();
        MatRev obj1 = new MatRev(x, y);
        MatRev obj2 = new MatRev(x, y);
        obj1.fillArray();
        obj2.revMat(obj1);
        System.out.println("Original Matrix is:- ");
        obj1.show();
        System.out.println("Matrix with reversed elements:- ");
        obj2.show();
    }
}
```