```
public class arrayTools {
    public static void main(String[] args) {
        System.out.println("Enter number to multiply with");
       multiply1(arr, sc.nextInt());
    static void print(int[][] arr) {
            System.out.println(Arrays.toString(ints));
        int r = arr.length;
        int c = arr[0].length;
        System.out.println("Transposed array: ");
        print(trans);
        int[][] rot = new int[arr.length][arr[0].length];
        for (int i = 0, k = 2; i < rot.length; i++, k--) {
        System.out.println("pi/2 rad rotated clockwise matrix: ");
    static void multiply1(int[][] a, int b) {
        for (int i = 0; i < a.length; i++) {
        print(a);
        if (a.length != b.length && a[0].length != b[0].length) {
        int[][] difference = new int[a.length][a[0].length];
        for (int i = 0; i < sum.length; i++) {
            for (int j = 0; j < sum[i].length; <math>j++) {
```

```
print(sum);
       print(difference);
static void arraySums(int[][] arr, int r, int c) {
   System.out.println("\nSum of left diagonals\n");
              for (int i = 0; i < arr.length; i++) {</pre>
                     for (int j = 0; j < arr[i].length; j++) {
    tmp = arr[0][j];
    arr[0][j] = arr[i][j];
    arr[i][j] = tmp;</pre>
```