

Program1: Right Rotate an Array by 5 steps:

```
class RotateArray {  
    public void rotate(int[] nums, int k) {  
        if(k > nums.length)  
            k=k%nums.length;  
        int[] result = new int[nums.length];  
        for(int i=0; i < k; i++){  
            result[i] = nums[nums.length-k+i];  
        }  
        int j=0;  
        for(int i=k; i<nums.length; i++){  
            result[i] = nums[j];  
            j++;  
        }  
        System.arraycopy( result, 0, nums, 0, nums.length );  
    }  
}  
  
public class Main  
{  
    public static void main(String[] args) {
```

```

RotateArray r = new RotateArray();

int arr[] = { 1, 2, 3, 4, 5, 6, 7, 8, 9 };

r.rotate(arr, 5);

for(int i=0;i<arr.length;i++){

    System.out.print(arr[i]+" ");

}

}

}

```

