// rotate array to right for 5 steps

class RotArray {

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 RotateArray {

public static void main(String[] args) {

RotArray rotator = new RotArray(); // Create an instance of RotArray

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

rotator.rotate(arr, 5); // Use the rotate method from RotArray

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

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

}

}

}