**NAME: PRINCIA MELITA DSOUZA**

**EMP ID : 2483929**

**ARRAY ROTATION**

Writing a program in Java for array rotation

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 };

r.rotate(arr, 5);

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

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

}

}

}

Output:



