**Practice Project - Assisted**

Write a program in Java to 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 };

r.rotate(arr, 5);

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

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

}

}

}