Description

Please, proceed to CycleSwap class and implement its static methods:

void cycleSwap(int[] array)

Shifts all the elements in the given array to the right by 1 position.

In this case, the last array element becomes first.

For example, 1 3 2 7 4 becomes 4 1 3 2 7.

void cycleSwap(int[] array, int shift)

Shift all the elements in the given array to the right in the cycle manner by shift positions.

Shift value is guaranteed to be non-negative and not bigger than the array length.

For example, 1 3 2 7 4 with a shift of 3 becomes 2 7 4 1 3.

For a greater challenge, try not using loops in your code (not mandatory).

Note that input array may be empty.

class CycleSwap {

static void cycleSwap(int[] array) {

int j = 1, i;

if (array.length==0){

return;

}

int temp= array[array.length - j];

for(i= array.length-1;i>0;i--) {

array[i] = array [i-1];

}

array[0] = temp;

}

static void cycleSwap(int[] array, int shift) {

int s;

if (array.length==0){

return;

}

for(s=1;s<=shift;s++)

{

int j = 1, i;

int temp= array[array.length - j];

for(i= array.length-1;i>0;i--) {

array[i] = array [i-1];

}

array[0] = temp;

}

}

}