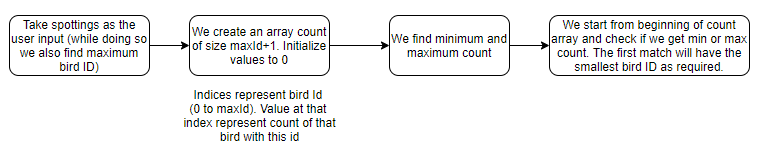
Flow chart:



Output:

