**[Minimize number of Students to be removed](https://practice.geeksforgeeks.org/problems/7d0fa4007b8eabadc404fcc9fa917aa52982aa96/1)**

**N** Students of different heights are attending an assembly. The heights of the students are represented by an array**H[].**The problem is that if a student has less or equal height than the student standing in front of him, then he/she cannot see the assembly. Find the minimum number of students to be removed such that maximum possible number of students can see the assembly.

**Example 1:**

**Input:**

N = 6

H[] = {9, 1, 2, 3, 1, 5}

**Output:**

2

**Explanation:**

We can remove the students at 0 and 4th index.

which will leave the students with heights

1,2,3, and 5.

**Example 2:**

**Input:**

N = 3

H[] = {1, 2, 3}

**Output :**

0

**Explanation:**

All of the students are able to see the

assembly without removing anyone.

**Your Task:**  
You don't need to read input or print anything. Your task is to complete the function **removeStudents()** which takes an integer N and an array H[ ] of size N as input parameters and returns the minimum number of students required to be removed to enable maximum number of students to see the assembly.

**Expected Time Complexity:** O(N logN)  
**Expected Auxiliary Space:** O(N)

**Constraints:**  
1 ≤ N ≤ 105  
1 ≤ H[i] ≤ 105