Maximum sum increasing subsequence

Given an array of n positive integers. Find the sum of the maximum sum subsequence of the given array such that the integers in the subsequence are sorted in strictly increasing order i.e. a strictly increasing subsequence.

Example 1:

```
Input: N = 5, arr[] = {1, 101, 2, 3, 100}
Output: 106
Explanation:The maximum sum of a
increasing sequence is obtained from
{1, 2, 3, 100}
```

Example 2:

```
Input: N = 3, arr[] = {1, 2, 3}
Output: 6
Explanation:The maximum sum of a
increasing sequence is obtained from
{1, 2, 3}
```

Your Task:
You don't need to read input or print anything. Complete the function `maxSumIS()` which takes **N** and array **arr** as input parameters and returns the maximum value.

Expected Time Complexity: $O(N^2)$
Expected Auxiliary Space: $O(N)$

Constraints:
$1 \leq N \leq 10^3$
$1 \leq arr[i] \leq 10^5$