<https://leetcode.com/problems/number-of-longest-increasing-subsequence/>

**Approach**:

1. To count number of LIS, create dp(n, 1) and cnt(n, 1).
2. Take maxi = 1, and use 2 nested for loops similar to LIS and inside loop make dp[] and cnt[]

* Same dp value comes(1+dp[j]==dp[i]), increase count of cnt[i] by cnt[j].
* If 1+dp[j]> dp[i], make dp[i] = 1+dp[j] and cnt[i] = cnt[j]

1. In the last, count the maxi value(max dp[i]) in the cnt[].