## Problem. Longest Subsequence

Write a method that finds the **longest subsequence of equal numbers** in given List<int> and returns the result as new List<int>. If several sequences has the same longest length, return the leftmost of them. Write a program to test whether the method works correctly.

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| **Input** | **Output** |
| 12 2 7 4 **3 3** 8 | 3 3 |
| **2 2 2** 3 3 3 | 2 2 2 |
| 4 4 **5 5 5** | 5 5 5 |
| **1** 2 3 | 1 |
| **0** | 0 |
| 4 2 3 **4 4** | 4 4 |