Given array of integers, for each position i, search among the previous positions for the last (from the left) position that contains a smaller value. Store this value at position i in the answer. If no such value can be found, store -1 instead.

**Example**

For items = [3, 5, 2, 4, 5], the output should be  
arrayPreviousLess(items) = [-1, 3, -1, 2, 4].

**Input/Output**

* **[time limit] 3000ms (cs)**
* **[input] array.integer items**

Non-empty array of positive integers.

*Constraints:*  
3 ≤ items.length ≤ 15,  
1 ≤ items[i] ≤ 200.

* **[output] array.integer**

Array containing answer values computed as described above.

<https://codefights.com/arcade/code-arcade/spring-of-integration/MQg7s3dKrP4caN42A>

static int[] arrayPreviousLess(int[] items)

{

//int[] res = new int[items.Length];

//res[0] = items[0];

List<int> res = new List<int>();

res.Add(-1);

for (int i = 1; i < items.Length; i++)

{

int j;

for (j = i - 1; j >= 0; j--)

{

if (items[j] < items[i])

{

//res[i] = items[j];

res.Add(items[j]);

break;

}

}

if (j ==-1)

{

// res[i] = -1;

res.Add(-1);

}

}

return res.ToArray();

}