**Algorithm HW8**

**Approach 1:**

用counting sort，LSD的方式排好，取出每一個x值裡面最大的value pair，再將他們互相做比較。

Assume there are 10000 1D array elements.

But we cannot know what the counting table would be, so we can not use this method.

**Approach 2:**

讀取的時候，對當前unbeatable feature的每個value pair做比較，不可取代，就加入新的元素，取代掉的話就刪掉。

**Approach 3:**

Traverse each row element from the beginning to the end. When traversing each row element, compare the other row elements behind the current element from the tail.