# 题目：

Given a string, find the length of the longest substring without repeating characters.

Examples:

Given "abcabcbb", the answer is "abc", which the length is 3.

Given "bbbbb", the answer is "b", with the length of 1.

Given "pwwkew", the answer is "wke", with the legth of3. Note that the answer must be a substring, "pwke" is a subsequence and not a substring.

# 分析：

这一题的目的是给定一个字符串，找到这个字符串的无重复字符的最长子串。也就是说，一个子串，它的最长子串肯定是不超过这个字符串的所有字符种类数量的。同时，这个字符串的子串不能跳过某些字符，也就是说“无重复字符的最长子串”，这个“子串”在原字符串里是连续不间断的！