LeetCode Problems

[1593. Split a String Into the Max Number of Unique Substrings](https://leetcode.com/problems/split-a-string-into-the-max-number-of-unique-substrings/)

class Solution {

    public int maxUniqueSplit(String s) {

        return backtrack(0,s,new HashSet<>());

    }

    private int backtrack(int start,String s,HashSet<String> seen){

        if(start == s.length()){

            return 0;

        }

        int maxSplits = 0;

        for(int end = start+1;end<=s.length();end++){

            String substring = s.substring(start,end);

            if(!seen.contains(substring)){

                seen.add(substring);

                maxSplits = Math.max(maxSplits,1+backtrack(end,s,seen));

                seen.remove(substring);

            }

        }

        return maxSplits;

    }

}