roman to integer

```
class Solution:
    def romanToInt(self, s: str) -> int:
        d={"I":1,"V":5,"X":10,"L":50,"C":100,"D":500,"M":1000}
        t=0
        for i in range(len(s)-1):
            if d[s[i]]<d[s[i+1]]:
                t-=d[s[i]]
            else:
                t+=d[s[i]]
        return t+d[s[-1]]
```

merge sorted arrays

```
class Solution:
    def merge(self, nums1: List[int], m: int, nums2: List[int], n: int) ->
None:
        """
        Do not return anything, modify nums1 in-place instead.
        """
        i=j=0
        nums=[]
        while i<m and j<n:
            if nums1[i]<=nums2[j]:
                nums.append(nums1[i])
                i+=1
            else:
                nums.append(nums2[j])
                j+=1
        nums.extend(nums1[i:m])
        nums.extend(nums2[j:])
        nums1.clear()
        nums1.extend(nums)
```