Sort Dates

```
def countingSort(arr,div,mod,maxRange):
    freqArr = [0]*maxRange
    # Recording the frequency of each elements
    for ele in arr:
        idx = int(ele,10)//div
        idx = idx%mod
        freqArr[idx] = freqArr[idx]+1
    # Writing the prefix Sum in freq arr
    for i in range(1, len(freqArr)):
        freqArr[i] = freqArr[i-1]+freqArr[i]

#     Declaring a new array of size equal to arr
    ans = [0]*len(arr)
    for i in range(len(arr)-1,-1,-1):
        idxOfFreqArray = (int(arr[i],10)//div)%mod
        valInFreqArr = freqArr[idxOfFreqArray]
        idxInResultingArray = valInFreqArr-1
        ans[idxInResultingArray] = arr[i]
        freqArr[idxOfFreqArray] = freqArr[idxOfFreqArray]-1

    for i in range(len(ans)):
        arr[i] = ans[i]
    # print('After sorting on {} place,the array is==>'.format(exp))
    # print(arr)



def sortDates(arr):
    countingSort(arr, 1000000, 100, 32)
    countingSort(arr, 10000, 100, 13)
    countingSort(arr, 1, 10000, 2501)


arr = ['12051996','13091956','19021988','31031999','04122050']
sortDates(arr)
print(arr)
```