Radix Sorts

Counting Sort

- · bood sort for sorting elements that can belong in "categories."
- 1 Count number of exments in each category and store it in map
- 2) Pick category starting point for each cotegory and store into map (start-pts)
- 3 Go through unsorted array one by one, and to new sorted array at mapped index of start-pts in its category, then increment index in start-pts

A Mike C Tom B Jeff B Crystal C Alleh A Jenny B Liz A Alex A Sam	Unsorted array				
B Jeff B Crystal C Allen A Jenny B Liz A Alex	JA	Mike			
B Cristal C Alleh A Jenny B Liz A Alex	(Ton			
C Alleh A Jenny B Liz A Alex	B	Jef			
A Jenny B Liz A Alex	B	CEV44			
B Liz A Alex	C	Alleh			
A Alex	Α	Jenry			
	B	Liz			
A Sam	A	Alex			
	A	Sam			

Counts				
A	4			
R	3			
C	2			

start.	pts	on each iteration, put item in the index of stort-pt that corresponds
A	6	to its category
B	4	
	,	1