402. Remove K Digits	S			
18 February 2022 09:51 AM				
Given string num representing k , return the smallest possible				
Example 1:				
<pre>Input: num = "1432219",   Output: "1219" Explanation: Remove the new number 1219 which is</pre>	three digits 4, 3, and 2	to form the		
Hew Hulliber 1219 WHICH IS	the smallest.			
numy = 213		2	3	
k = 2		13) 2-3	31	
nung = 10200				
K = 1		10200	0	
	0200	1000 17	00 000	
	Ans			
nums = 1432	219			
K = 1	77 7 de	git		
Į.	432219			
432 219 132	143219	-> 6 dígit		

Observation => if you remove I then 4 is bigger which make it larger	1
elcoent.	
Now if you remove 4 then now 3 is less larger than	4
but Still larger than 1.	
keep observing the next significant digit	
1 X 3 2 2 2 3 1 k=1	
1 2 2 2 3 1	
[ 2 2 2 ]   K=3	
(221) for k=3 Arg	
hum -> 14322231	
K=3-2+6	
14322231 ds	
righen ? comes to the de the previous element is 4 So you delete t	1,

who	n 3	3 Com	es to	the	ds 1	the pr	evious	elem	ant i	3 4	So Yo	ou de	le Fe	Hر
elen	nont a	ne t	hen d	ecven c	k									
5	ame	POV	3	ond	2									
ک	ane	for	3	and	l									
			m	K	bcomo	L D								
_	that	the f	ind o	yns,										
	// cor	ner case l k>0){	ike "1111"											
		ack.pop();												
	String	truct the Builder sb	= new Str											
	sb	o.append(st		;										
	while(	ove all the sb.length( o.deleteCha	)>1 && sb. rAt(0);		=='0')									
}		sb.toStri	ng();											