



Lie	Insertion
2	A RANGE OF THE PROPERTY OF THE
1	Algo Skip Insert (k, v)
1	p = Skipsearch(k)
1	q = None // represents top node in vew item tower
>	vepeat
>	j=j+
	if izh then
1>	h=h+l // add new  vl to stly list
1	t-next(s)
1	s = incert After Ahone (None, s, (-00, None)) // grow left must former
13	insert After Above (s, t, (+00, None)) // grow rightmost hower
1	while above(p) is Neve
1>	p = prevlp) // Scan hackward
D	p=above(p) // jump up higher lul
	q = insert After Above (p, q, (k, v))
>	until coinfilip() == fails -> coinfilip() returns heads or falls u/ probability 1/2
0	N= N+/
	retura q
>-	Removal
	to perform map operation hel MCk], heglin by executing Sklysearch(k)
>	-> remove p and all positions above p
>	- while removing levels, re-establish links between horizontal relighbors of each removed position
>	
>	

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