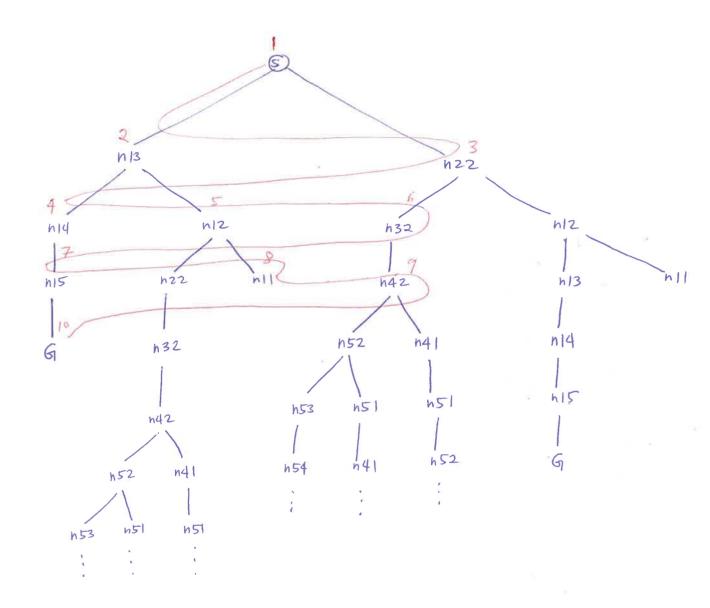
Successor Generator! N, E, S, W or (UP, RIGHT, DOWN, LEFT)

Note: Diagonal moves one not permitted.



Since we know that Breadth-Pist Search will find the shallowest goal, our, the span only a small portion of the tree.

Breadth- First Search (with a Visited List)

	Step	Degnewed	Enguened	
	ø		[8]	Visited List
	•	(s)	(1-51)	2
		(>/	(n/3,5)(n22,5)	51 n/3, n22
	2	(n13, s)	(n22,5)(n14, n13, s)(n12, n13, s)	11 114, 112
	3	(n22, s)	(n14, n13, 5) (n12, n13, 5) (n32, n22, 5)	
	4	(n14, n13, s)	(N12, N13, S) (N32, N72, S) (N15, N14, N13, S)	" n32
		1	A State of the Control of the Contro	11 115
	2	(12, N/3, 5)	(n32, n22, s)(n15, n14, n13, s)(n11, n12, n13, s)	// n])
	۷	(n32, n22,5)	(N/5, n/4, n/3, 5) (N/1, n/2, n/3, 5) (n42, n32, n22, 5)	
	7	34		11 n4Z
0	7.	(n 3, n 4, n 3, 5)	(n11, n12, n13, s) (n42, n32, n22, s) (G, n15, n14, n13	(2)
	8	(n11, n/2, n/3, 5)	(42, n32, n22, s) (G, 15, n14, n13, s)	6
	9	(142,132,122	(5) (G, n/5,n/4,n/3 c) (+2	n n 52, n 4]
	10	((G, n15, n14, n13, 5) (n52, n42, n32, n22	(, s) (, 41, n42, n32, n22, s)
	0	(6, NIS, N/4,	13,5)	
			PATH: S- n13-n14-n15-G	
	Segner	ce of State	V	

S-n13-n22-n14-n12-n32-n15-n11-n42-G