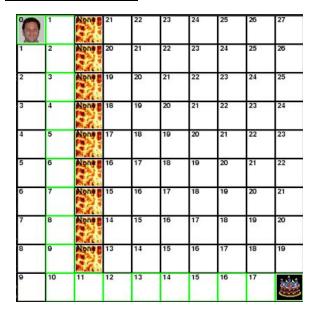
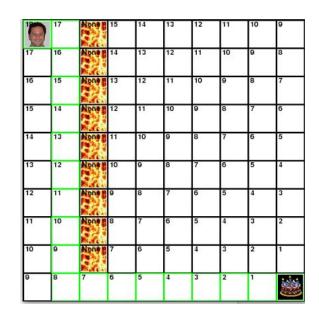
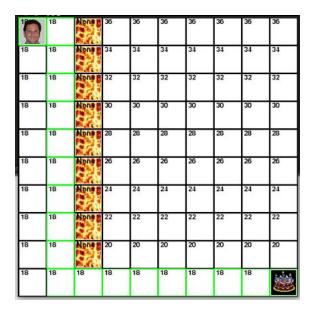
## Print those scores!





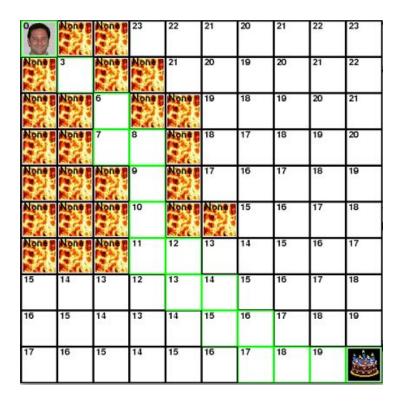
g\_cost counts the steps from Paul to the cake for each possible route .

h\_cost counts the steps from the cake to Paul for each possible route.



f\_cost displays the final step count between Paul and the cake for each possible route.

## Paul gets Diagonals!



Though diagonal steps are costly, Paul has to take two diagonal steps because that is simply the only option.

## Paul gets Hops!

		Maran	Manage Manager	20	22	200	100	T nn	104
	None	None	None	28	27	28	29	30	31
None	None	None	None	27	26	27	28	29	30
8	9	None	None	26	25	26	27	28	29
None	None	12	None	None	24	25	26	27	28
None	None	None	15	None	23	24	25	26	27
27	26	None	None	None	24	25	26	27	28
26	25	24	23	24	25	26	27	28	29
27	26	25	24	25	26	27	28	29	30
28	27	26	25	26	27	28	29	30	31
29	28	27	26	27	28	29	30	31	

Though hopping over a square of lava is costly, Paul has to hop twice because he is surrounded by lava.

## Paul gets Swamped!

		8	12	16	20	21	22	23	24
		10		15			18	10 Toma	20
	10	9	10	11	12	13	14	15	16
12	<b>4.</b> 3	10	11	12	13	14	15	16	17
16		11	12	13	14	15	16	17	18
20	16	12	13	14	15	16	17	18	19
	17.	13	14	15	16	17	18	19	20
16	15	14	15	16	17	18	19	20	21
17	16	15	16	17	18	19	20	21	22
18	17	16	17	18	19	20	21	22	
			-						
°		8	9	10	11	12	13	14	15
	3		8	9	10	11	13	13	15
	3	6	0,50	9	10	-51632	AATU.	39.50	996
9	3 3	6 Non	8	9	10	11	12	13	14
9			8	9	10	11	12	13	14
10 11 1	8	None	8 7	9 8	10 9	11 10 11	11 12	13	13
10 11 1 1 1 1 1 1 1 1	9 10 11	None P	7 None 1 15 None 1 13	9 None 16 None	None (	11 10 11 12 13	11 12 13 15	13 12 13	13 14
10 11 1	8 9 10	None	7 Non 15	9 8 None	None P	11 10 11 12 13	12 11 12 13 15	13 12 13 14	14 13 14 15
10 11 1 1 1 1 1 1 1 1	9 10 11	None P	7 None 1 15 None 1 13	9 None 16 None	None P	11 10 11 12 13	11 12 13 15	13 12 13 14 15	14 13 14 15 16

Here we can see that Paul is forced to wade through a swamp. However he is still able to find the most cost efficient way to the cake despite the obstacles.