



example test cases (Random walk)

last task	path tested	input	expected output
1	$S_0 \rightarrow S_1 \rightarrow S_2 \rightarrow S_0$	invalid card	- return card - reset to main front
2	$S_0 \rightarrow S_1 \rightarrow S_3 \rightarrow S_4 \rightarrow S_0$ $\rightarrow S_4 \rightarrow S_0$	- valid card - enter invalid pin 3 times main	- take card - reset to main
...			