P	D	T	O	H	I	output			
0	0	0	0	0	0	0		turning on heater	
0	0	0	0	0	1	1	I	human input	0=none 1=activated
0	0	0	0	1	0	0	O	window/door open	0=no 1=yes
0	0	0	0	1	1	1	P	person home	0=no 1=yes
0	0	0	1	0	0	0	D	below 70 degrees	0=no 1=yes
0	0	0	1	0	1	1	T	peak time	0=no 1=yes
0	0	0	1	1	0	0	H	below 50% humidity	0=no 1=yes	if yes u can turn on
0	0	0	1	1	1	1			
0	0	1	0	0	0	0			
0	0	1	0	0	1	1			
0	0	1	0	1	0	0			
0	0	1	0	1	1	1			
0	0	1	1	0	0	0			
0	0	1	1	0	1	1			
0	0	1	1	1	0	0			
0	0	1	1	1	1	1			
0	1	0	0	0	0	0			
0	1	0	0	0	1	1			
0	1	0	0	1	0	0			
0	1	0	0	1	1	1			
0	1	0	1	0	0	0			
0	1	0	1	0	1	1			
0	1	0	1	1	0	0			
0	1	0	1	1	1	1			
0	1	1	0	0	0	0			
0	1	1	0	0	1	1			
0	1	1	0	1	0	0			
0	1	1	0	1	1	1			
0	1	1	1	0	0	0			
0	1	1	1	0	1	1			
0	1	1	1	1	0	0			
0	1	1	1	1	1	1			
1	0	0	0	0	0	0			
1	0	0	0	0	1	1			
1	0	0	0	1	0	0			
1	0	0	0	1	1	1			
1	0	0	1	0	0	0			
1	0	0	1	0	1	1			
1	0	0	1	1	0	0			
1	0	0	1	1	1	1			
1	0	1	0	0	0	0			
1	0	1	0	0	1	1			

1	0	1	0	1	0	0					
1	0	1	0	1	1	1					
1	0	1	1	0	0	0					
1	0	1	1	0	1	1					
1	0	1	1	1	0	0					
1	0	1	1	1	1	1					
1	1	0	0	0	0	0					
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1	1	1	0	1	1	1					
1	1	1	1	0	0	0					
1	1	1	1	0	1	1					
1	1	1	1	1	0	0					
1	1	1	1	1	1	1					