



input					output				
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>
0	0	0	0	0	0	1	0	1	0
0	0	0	0	1	1	0	0	1	1
0	0	0	1	0	0	0	1	1	1
0	0	0	1	1	1	0	0	1	0
0	0	1	0	0	1	0	1	1	0
0	0	1	0	1	1	1	0	1	0
0	0	1	1	0	1	1	1	1	1
0	0	1	1	1	0	1	1	0	1
0	1	0	0	0	1	1	1	0	1
0	1	0	0	1	0	1	0	1	0
0	1	0	1	0	0	1	0	1	1
0	1	0	1	1	0	0	1	0	0
0	1	1	0	0	1	0	1	0	1
0	1	1	0	1	0	0	0	0	1
0	1	1	1	0	1	0	0	1	0
0	1	1	1	1	0	1	1	0	0
1	0	0	0	0	1	0	1	0	0
1	0	0	0	1	0	1	1	0	1
1	0	0	1	0	1	1	1	1	0
1	0	0	1	1	0	1	1	1	0
1	0	1	0	0	1	1	0	1	1
1	0	1	0	1	1	0	1	1	1
1	0	1	1	0	0	0	1	0	0
1	0	1	1	1	0	0	1	0	0
1	1	0	0	0	0	0	0	0	1
1	1	0	0	1	0	0	1	1	1
1	1	0	1	0	0	1	1	0	1
1	1	0	1	1	1	1	1	1	1
1	1	1	0	0	0	1	0	1	1
1	1	1	0	1	0	1	0	0	0
1	1	1	1	0	0	1	0	0	1
1	1	1	1	1	1	0	1	0	1