

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

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

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

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