1 0 0 0

1 1 1 0

0 1 1 0

0 0 1 1

1 0 0 0 0

1 1 1 1 0

0 1 0 1 0

0 1 1 1 0

0 0 0 1 1

1 0 0 0 0 0

1 1 1 1 1 0

0 1 0 0 1 0

0 1 0 0 1 0

0 1 1 1 1 0

0 0 0 0 1 1

1 0 0 0 0 0 0

1 1 1 1 1 1 0

0 1 0 0 0 1 0

0 1 1 1 0 1 0

0 1 0 0 0 1 0

0 1 1 1 1 1 0

0 0 0 0 0 1 1

1 0 0 0 0 0 0 0

1 1 1 1 1 1 1 0

0 1 0 0 0 0 1 0

0 1 0 0 0 0 1 0

0 1 1 1 0 0 1 0

0 1 0 0 0 0 1 0

0 1 1 1 1 1 1 0

0 0 0 0 0 0 1 1

1 0 0 0 0 0 0 0 0

1 1 1 1 1 1 1 1 0

0 1 0 0 0 0 0 1 0

0 1 1 1 1 0 0 1 0

0 1 0 0 0 0 0 1 0

0 1 0 0 1 1 1 1 0

0 1 0 0 0 0 0 1 0

0 1 1 1 1 1 1 1 0

0 0 0 0 0 0 0 1 1

1 0 0 0 0 0 0 0 0 0

1 1 1 1 1 1 1 1 1 0

0 1 0 0 0 0 0 0 1 0

0 1 1 1 1 0 0 0 1 0

0 1 0 0 0 1 1 1 1 0

0 1 1 1 1 0 0 0 1 0

0 1 0 0 0 1 1 1 1 0

0 1 1 1 1 0 0 0 1 0

0 1 1 1 1 1 1 1 1 0

0 0 0 0 0 0 0 0 1 1

1 1 0 0 0 0 1 1 0 0 1

1 1 1 1 1 1 1 1 1 0 0

0 1 0 0 0 0 0 0 1 1 0

0 1 1 1 1 0 0 0 1 0 0

0 1 0 0 1 1 1 1 1 0 0

0 1 1 1 1 0 0 1 1 0 0

0 1 0 0 1 1 1 1 1 0 0

0 1 1 1 1 0 0 0 1 0 1

0 1 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 0 1 1 1 1

1 0 0 0 0 0 0 0 0 1 1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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