Inputs		Output
x	y	x  AND  y
1	1	1
1	0	0
0	1	0
0	0	0
Innuta		Output
Inputs		Output
Inputs x	y	$\begin{array}{ c c c } \text{Output} \\ x \text{ XOR } y \end{array}$
_	<i>y</i> 1	_
$\overline{x}$		_
$\frac{x}{1}$	1	$\begin{array}{ c c c } x & XOR & y \\ \hline & 0 & \end{array}$
$\begin{array}{c} x \\ \hline 1 \\ 1 \\ \end{array}$	1 0	x XOR y   0   1



	Output NOT $x$
1	0
0	1

