Or Gate

Output

A

B

Input

Input

A

B

F

INPUT		OUTPUT
A	B	F
0	0	0
0	1	1
1	0	1
1	1	1

(https://instrumentationtools.com/logic-gates-and-truth-tables/)

Minecraft implementation

And Gate

Output

A

Input

B

Input

A

B

F
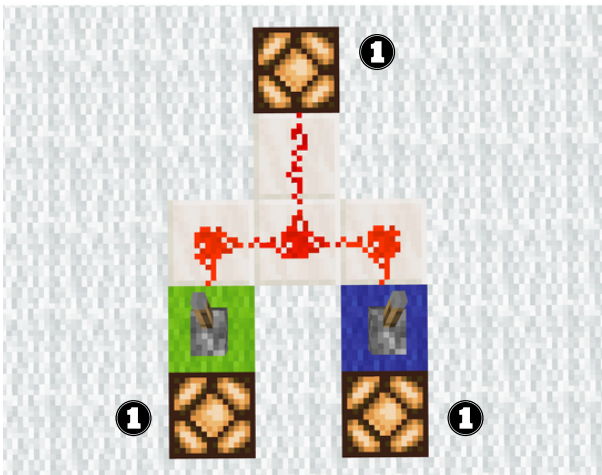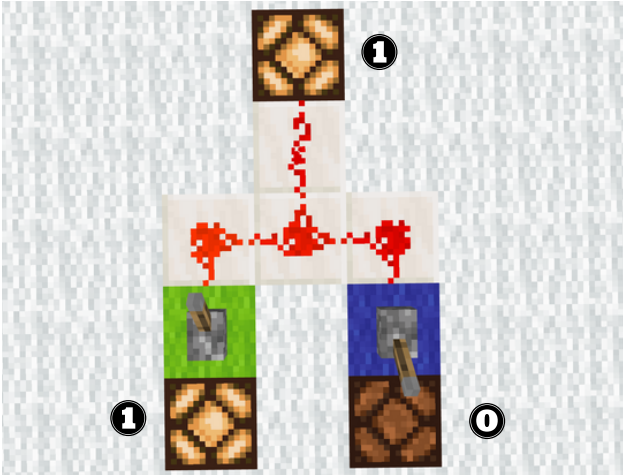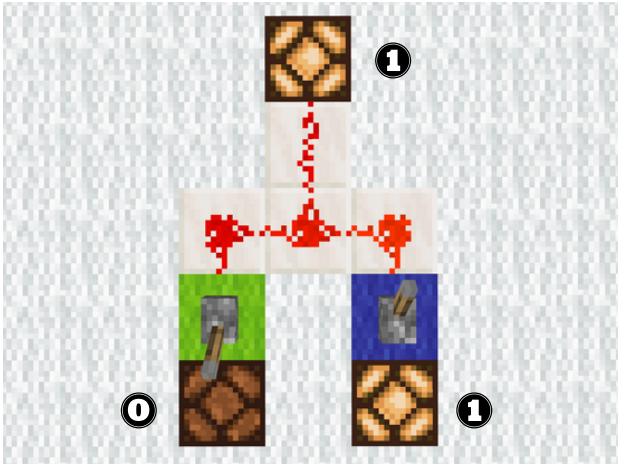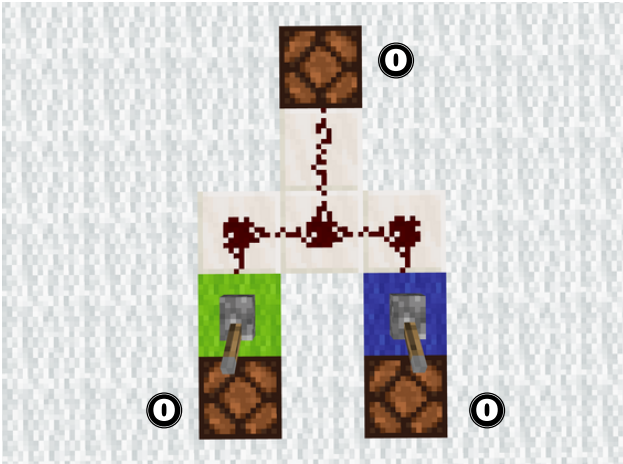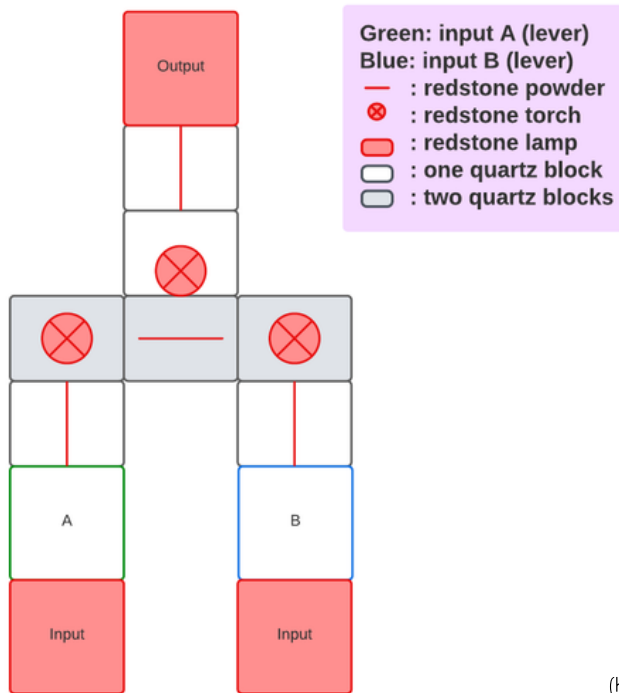
INPUT		OUTPUT
A	B	F
0	0	0
0	1	0
1	0	0
1	1	1

(https://instrumentationtools.com/logic-gates-and-truth-tables/)

Minecraft implementation

Xor Gate

Green: input A (lever)
Blue: input B (lever)
— : redstone powder
⊗ : redstone torch
▭ : redstone lamp
▭ : one quartz block
▭ : two quartz blocks
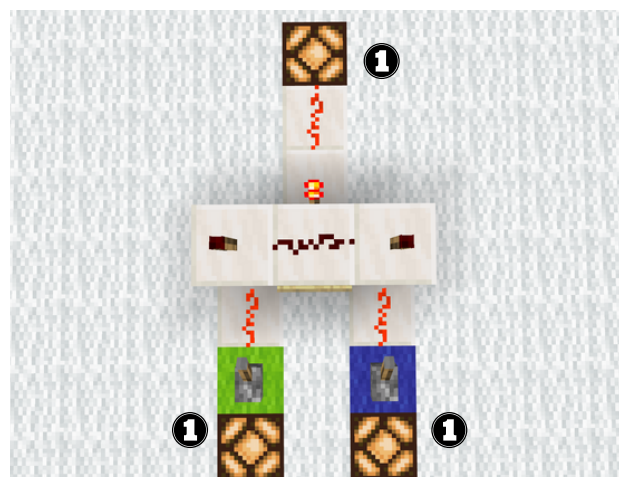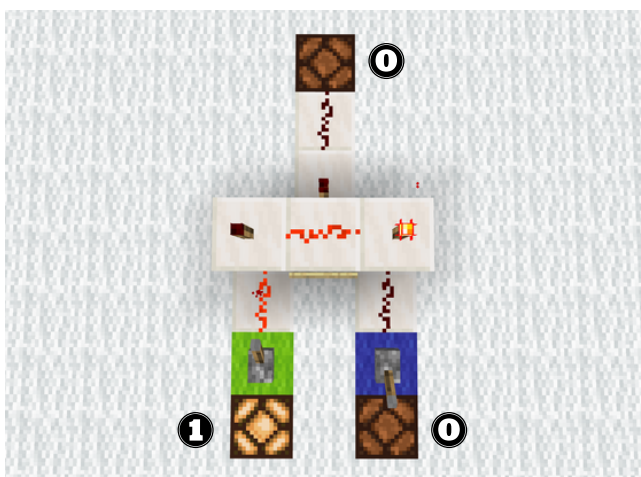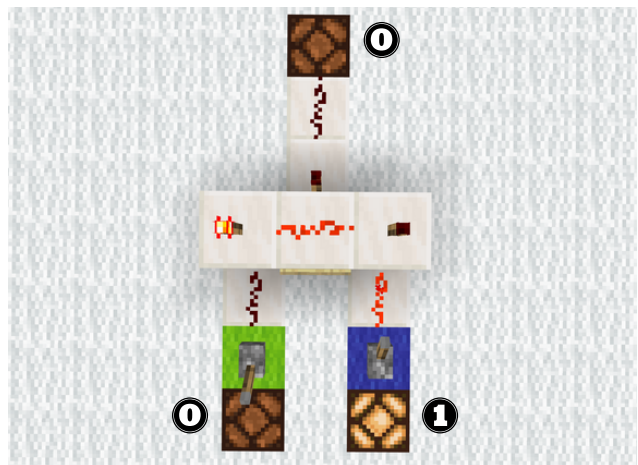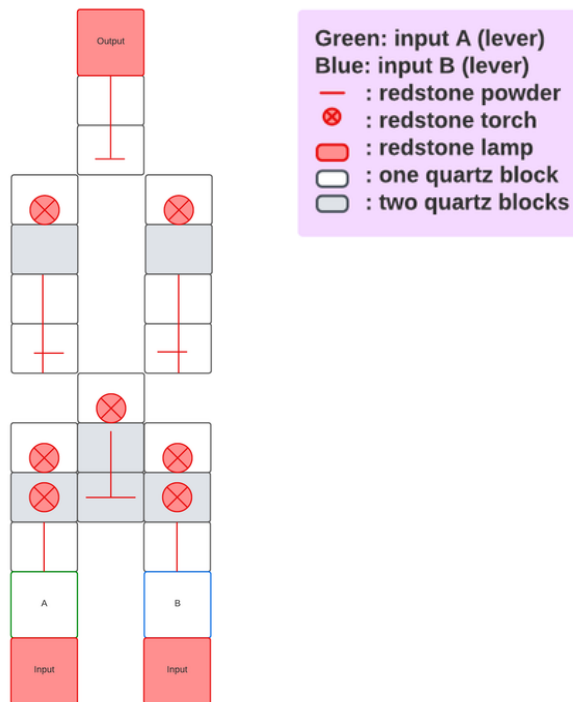
INPUT		OUTPUT
A	B	C
0	0	0
0	1	1
1	0	1
1	1	0

(https://instrumentationtools.com/logic-gates-and-truth-tables/)
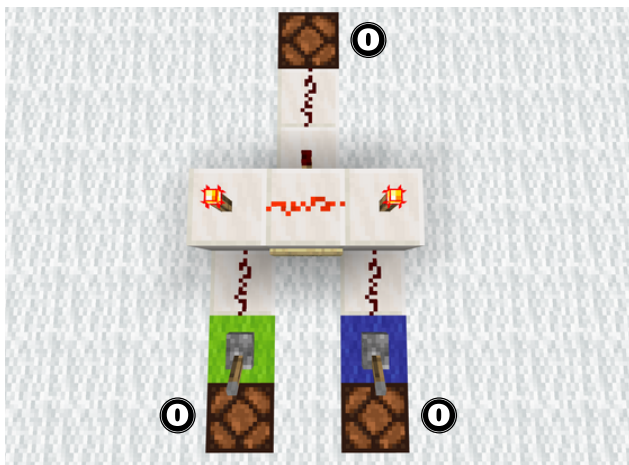
Minecraft implementation