

FileViewRunHelp

Slow

Fast

Animate:

Program flow

Format:

D...

View:

Co...

Chip Name: AndTime: 0

Input pins

Name	Value
a	1
b	1

Output pins

Name	Value
out	1

HDL

```
// This file is part of www.nand2tetris.org
// and the book "The Elements of Computing Systems"
// by Nisan and Schocken, MIT Press
// File name: projects/1/And.hdl
/**
 * And gate:
 * if (a and b) out = 1, else out = 0
 */
CHIP And {
    IN a, b;
    OUT out;

    PARTS:
        Nand(a=a,b=b,out=nandout);
```

Internal pins

Name	Value
nandout	0

a	b	out
0	0	0
0	1	0
1	0	0
1	1	1

End of script - Comparison ended successfully