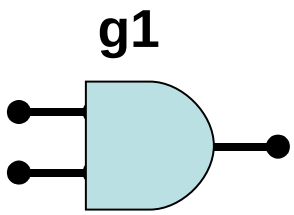
Sayısal Devre Simülatörü

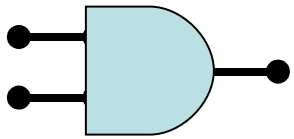
2009 - Samsun

Backward

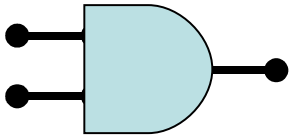



```
>>> g1 = AndGate("G1")
```

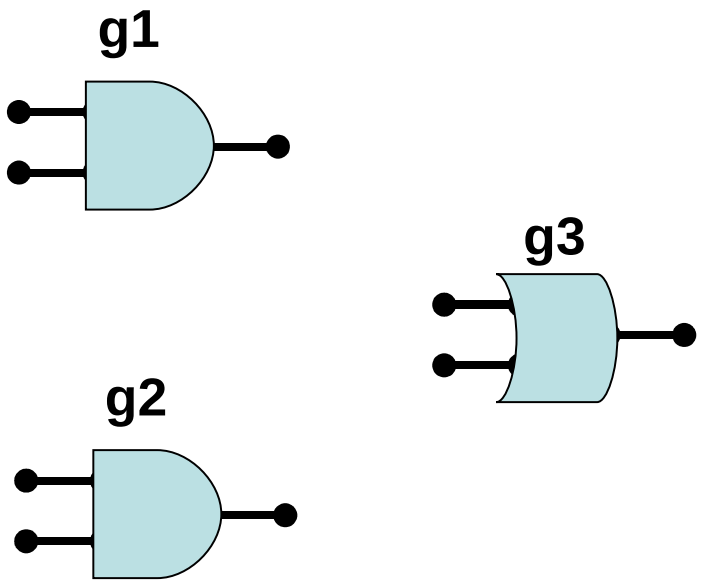
g1



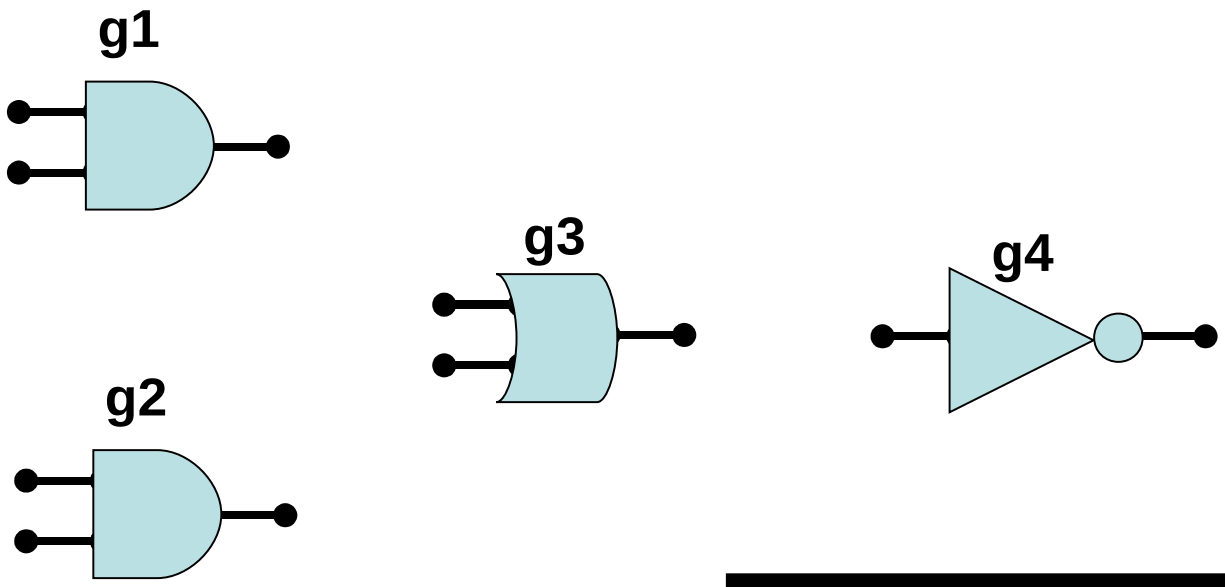
g2



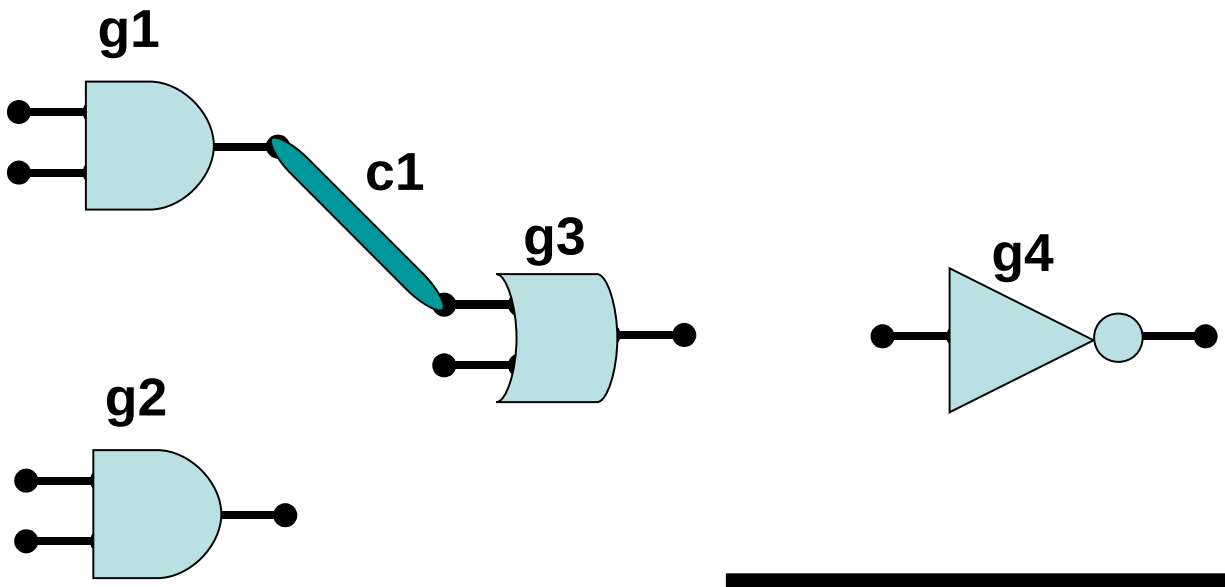
```
>>> g1 = AndGate("G1")
>>> g2 = AndGate("G2")
```



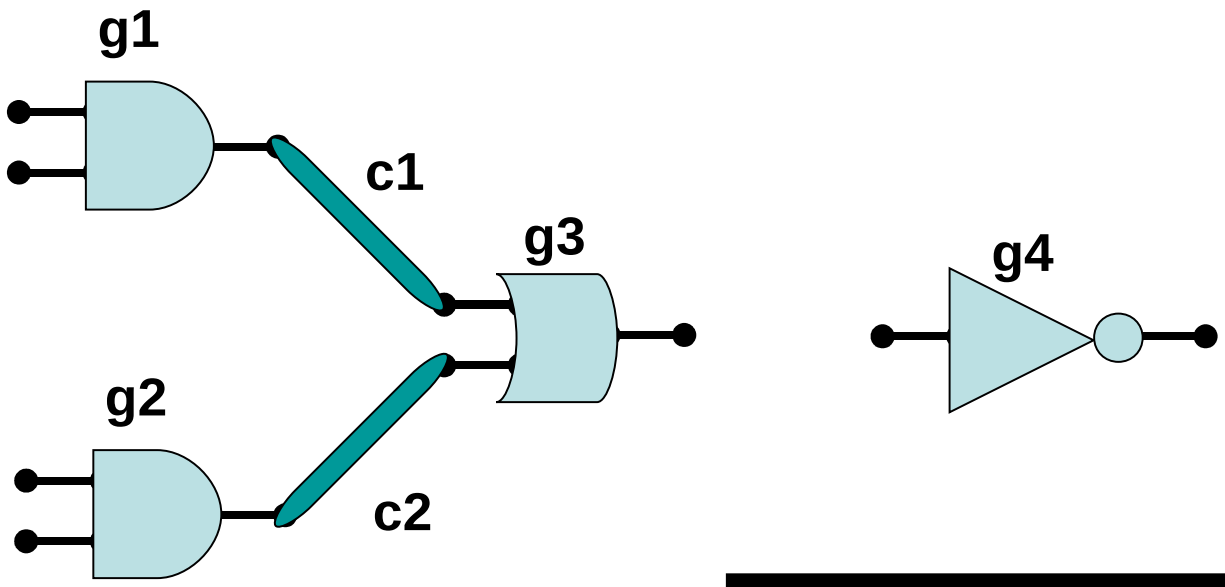

```
>>> g1 = AndGate("G1")
>>> g2 = AndGate("G2")
>>> g3 = OrGate("G3")
```



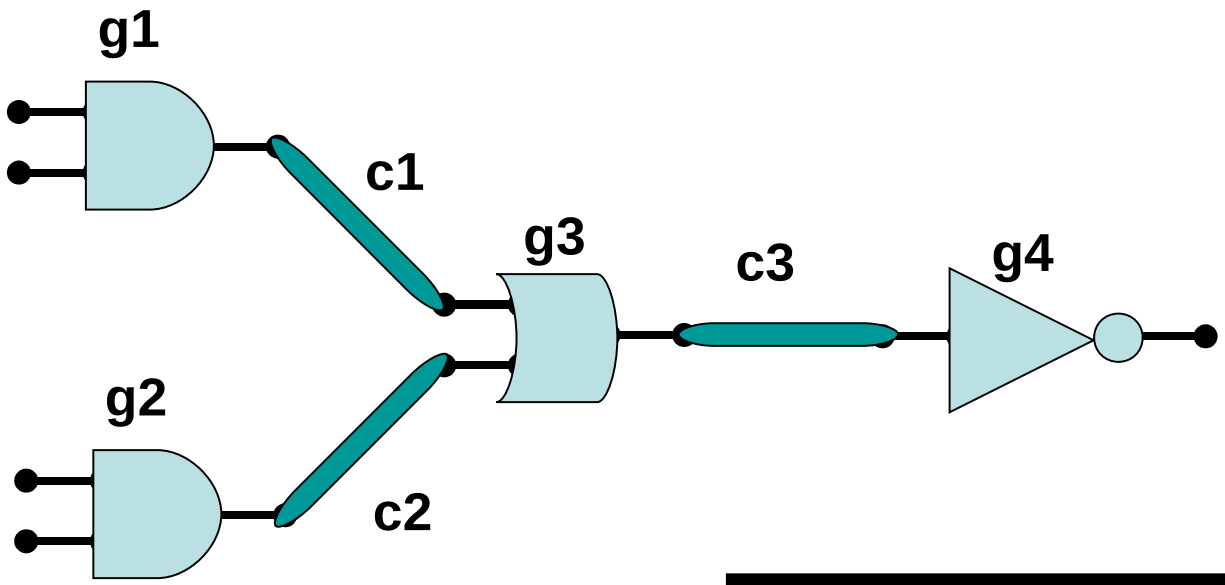

```
>>> g1 = AndGate("G1")
>>> g2 = AndGate("G2")
>>> g3 = OrGate("G3")
>>> g4 = NotGate("G4")
```



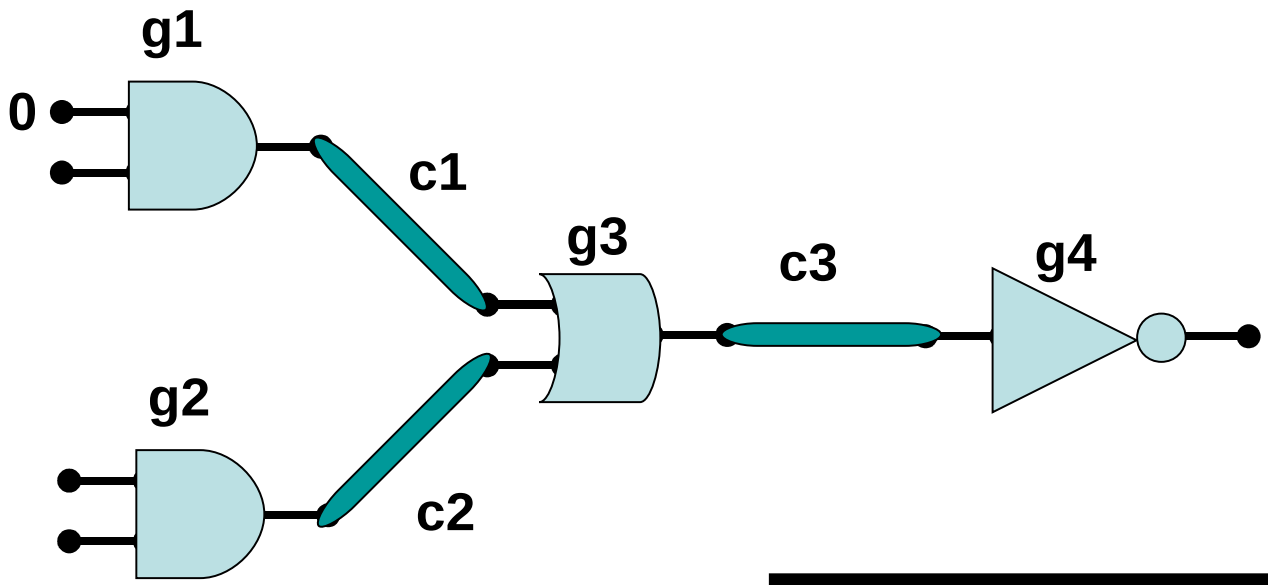

```
>>> g1 = AndGate("G1")
>>> g2 = AndGate("G2")
>>> g3 = OrGate("G3")
>>> g4 = NotGate("G4")
>>> c1 = Connector(g1, g3)
```



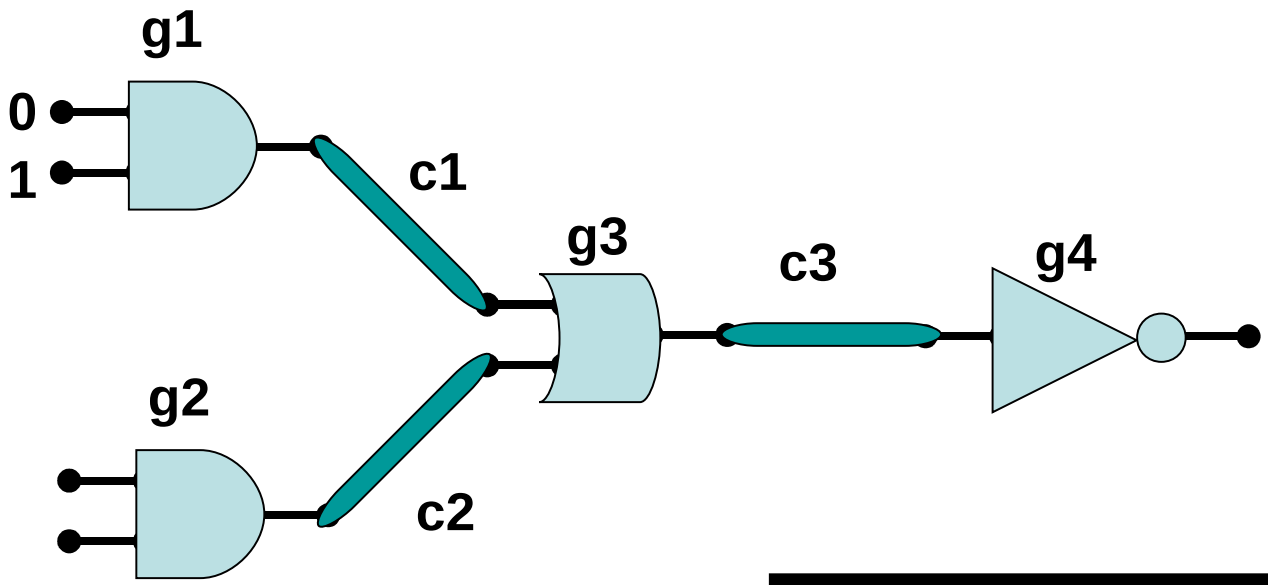

```
>>> g1 = AndGate("G1")
>>> g2 = AndGate("G2")
>>> g3 = OrGate("G3")
>>> g4 = NotGate("G4")
>>> c1 = Connector(g1, g3)
>>> c2 = Connector(g2, g3)
```



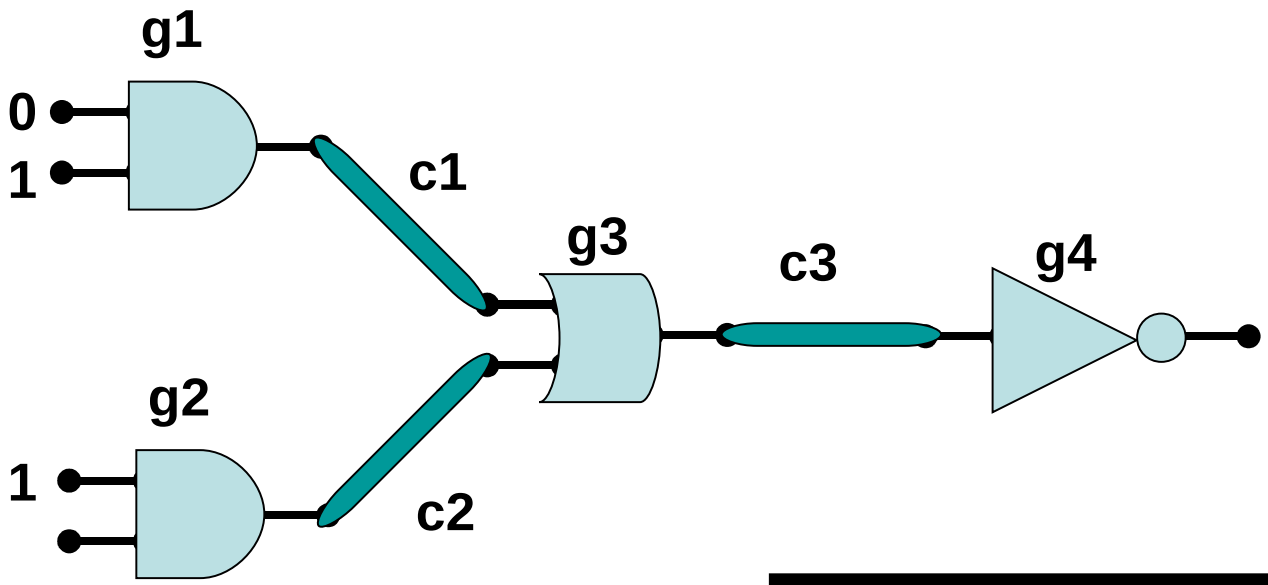

```
>>> g1 = AndGate("G1")
>>> g2 = AndGate("G2")
>>> g3 = OrGate("G3")
>>> g4 = NotGate("G4")
>>> c1 = Connector(g1, g3)
>>> c2 = Connector(g2, g3)
>>> c3 = Connector(g3, g4)
```



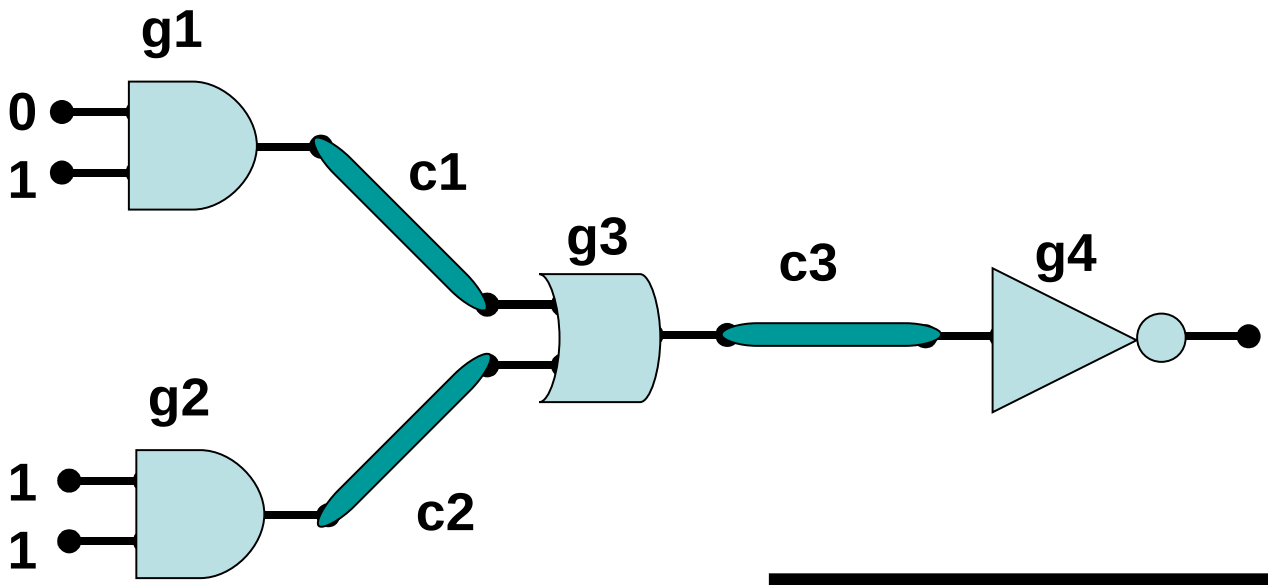

```
>>> g4.getOutput()
G1→PinA: 0
```



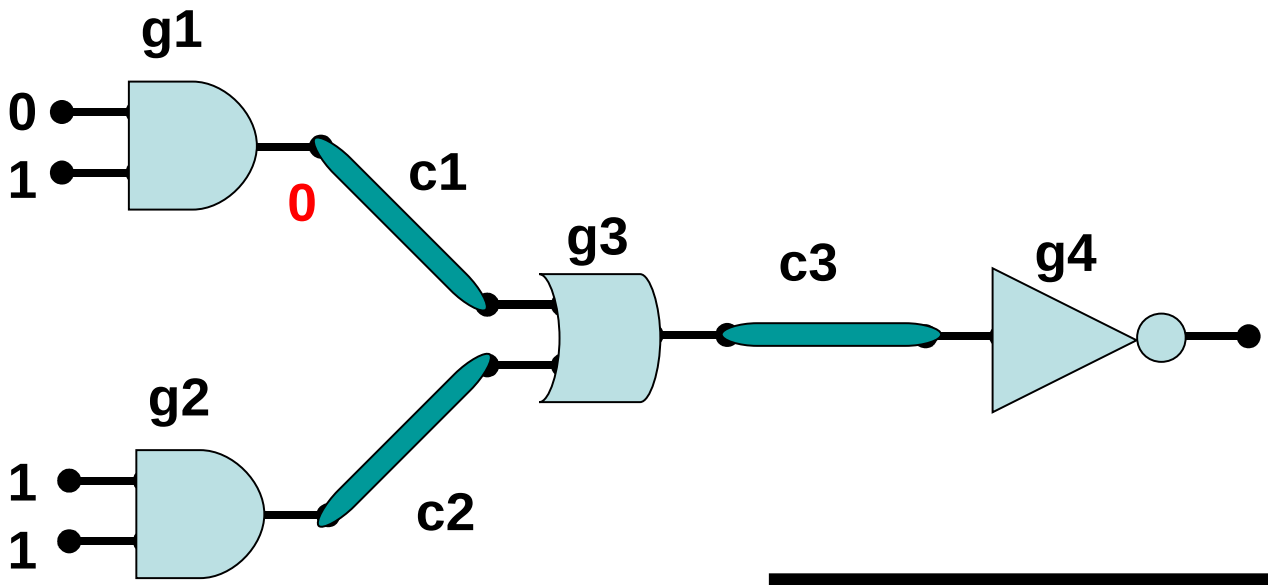

```
>>> g4.getOutput()
G1→PinA: 0
G1→PinB: 1
```



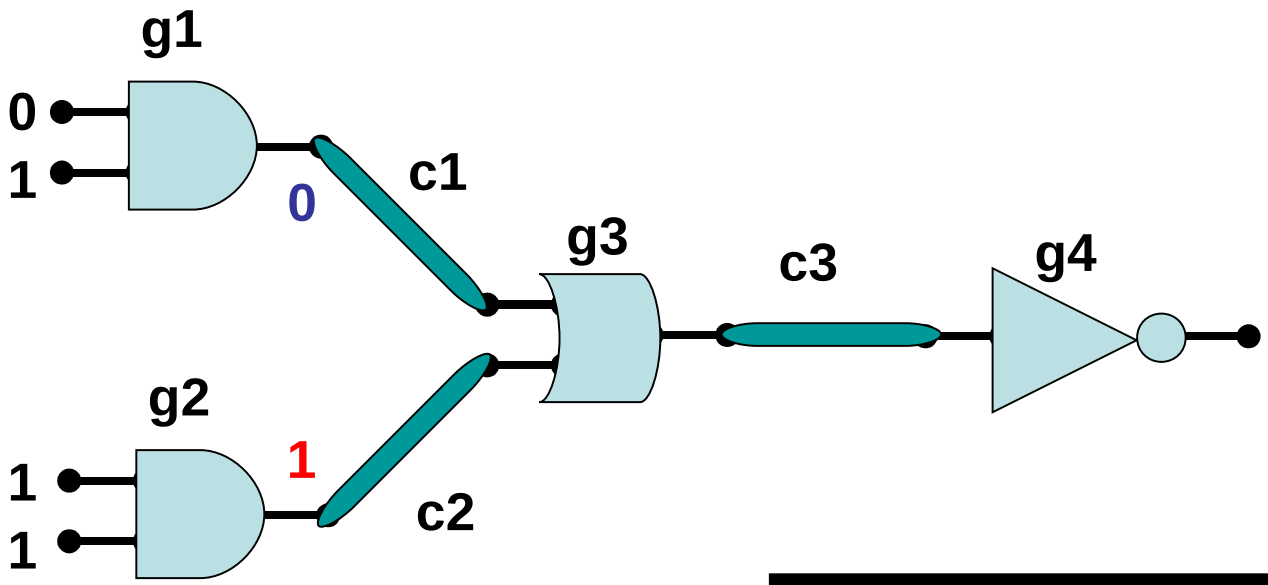

```
>>> g4.getOutput()
G1→PinA: 0
G1→PinB: 1
G2→PinA: 1
```



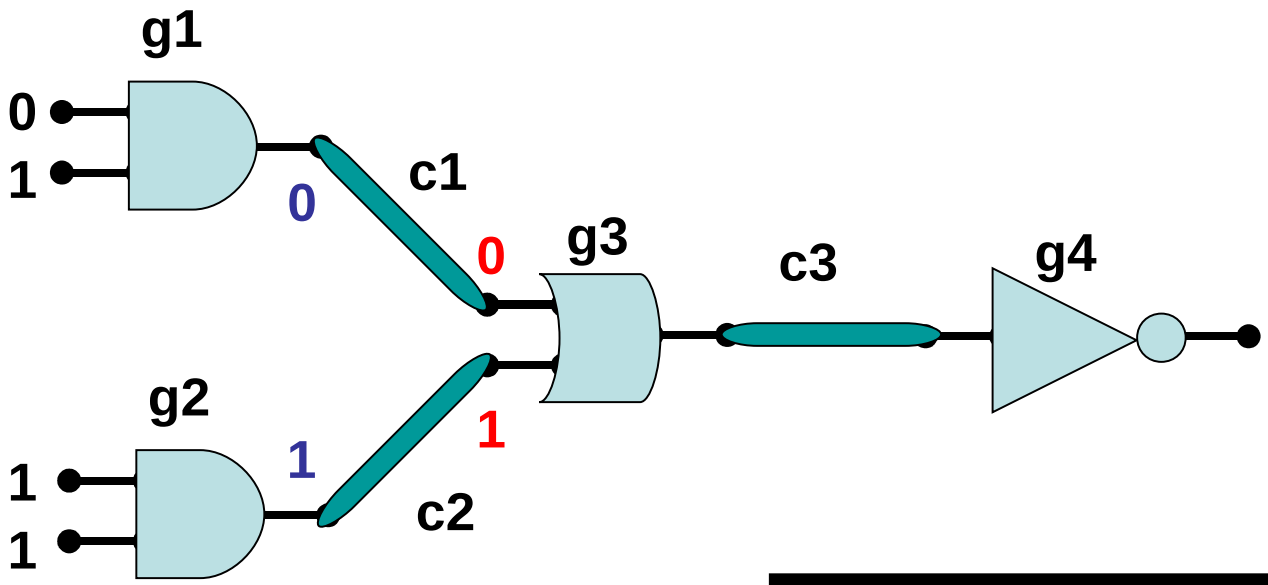

```
>>> g4.getOutput()
G1→PinA: 0
G1→PinB: 1
G2→PinA: 1
G2→PinB: 1
```



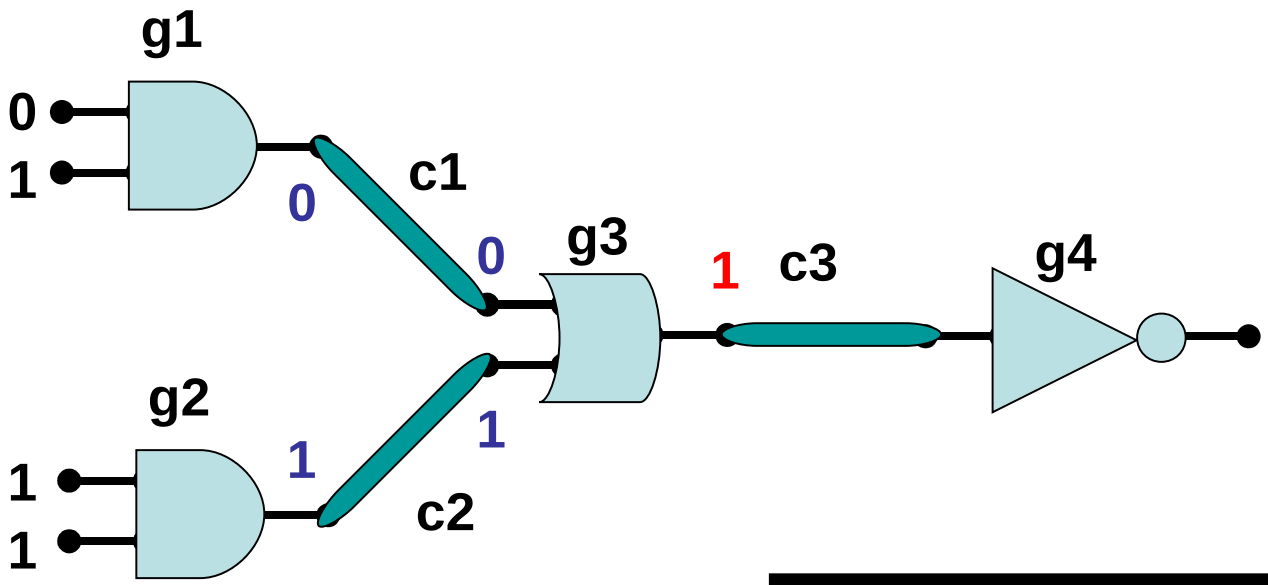

```
>>> g4.getOutput()
G1→PinA: 0
G1→PinB: 1
G2→PinA: 1
G2→PinB: 1
```



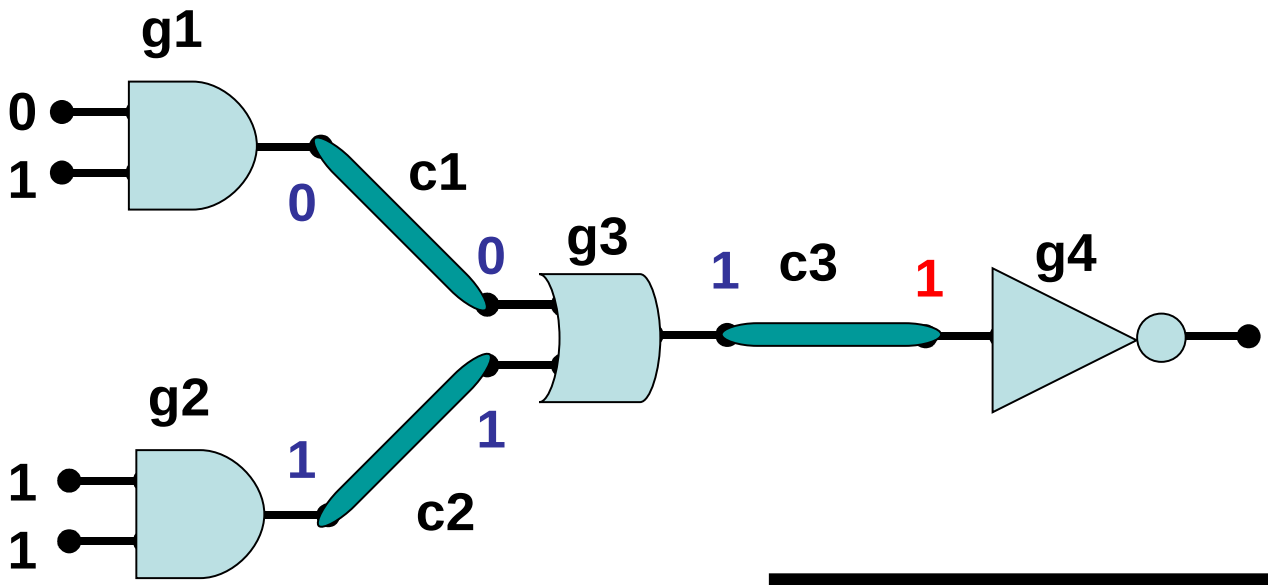

```
>>> g4.getOutput()
G1→PinA: 0
G1→PinB: 1
G2→PinA: 1
G2→PinB: 1
```



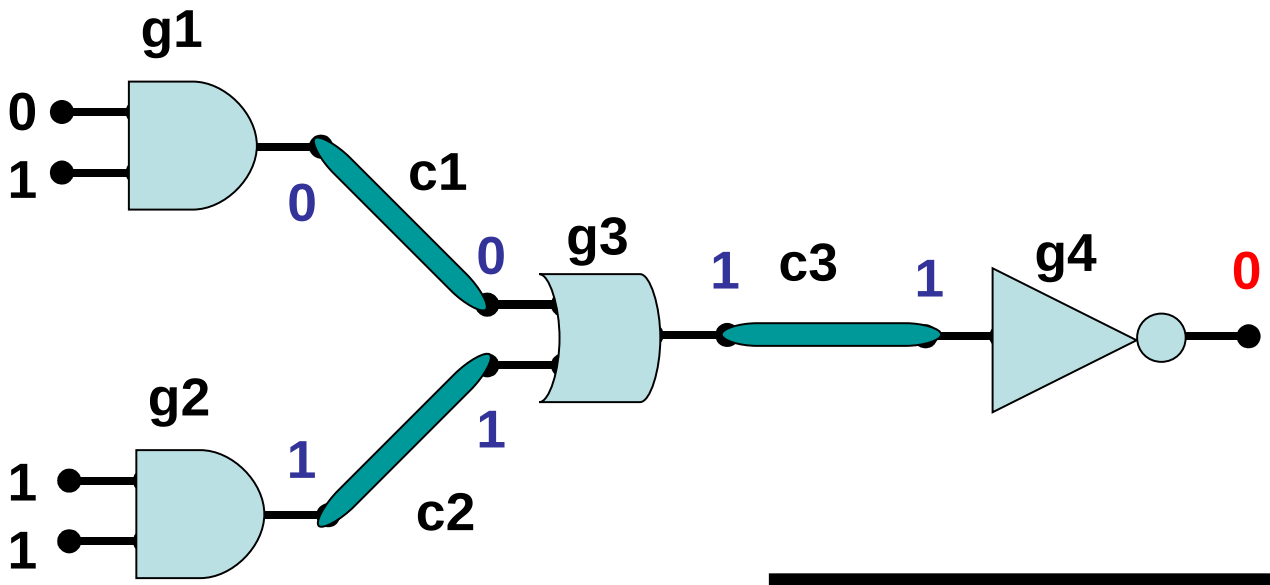

```
>>> g4.getOutput()
G1→PinA: 0
G1→PinB: 1
G2→PinA: 1
G2→PinB: 1
```




```
>>> g4.getOutput()
G1→PinA: 0
G1→PinB: 1
G2→PinA: 1
G2→PinB: 1
```

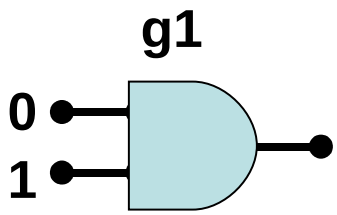



```
>>> g4.getOutput()
G1→PinA: 0
G1→PinB: 1
G2→PinA: 1
G2→PinB: 1
```

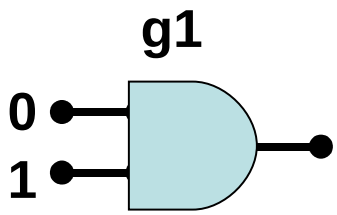


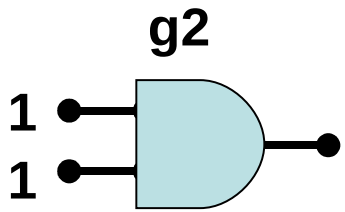

```
>>> g4.getOutput()
G1→PinA: 0
G1→PinB: 1
G2→PinA: 1
G2→PinB: 1
0
```

Forward

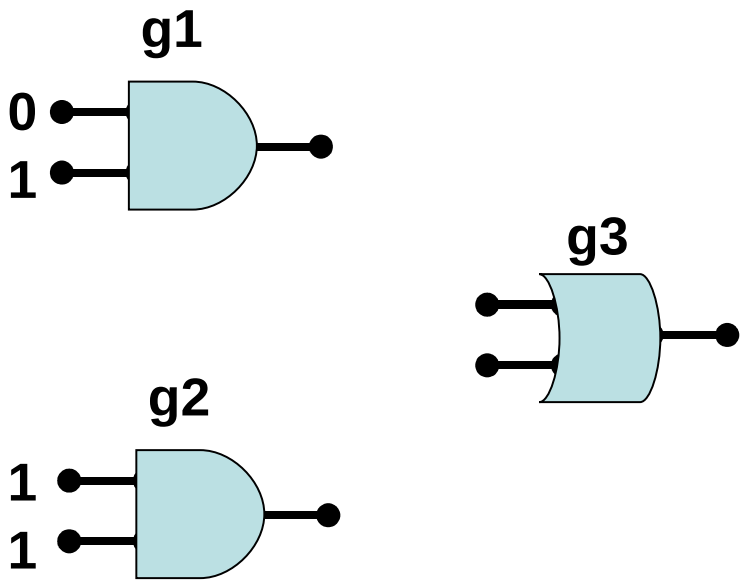



```
>>> g1 = AndGate("G1",0,1)
```

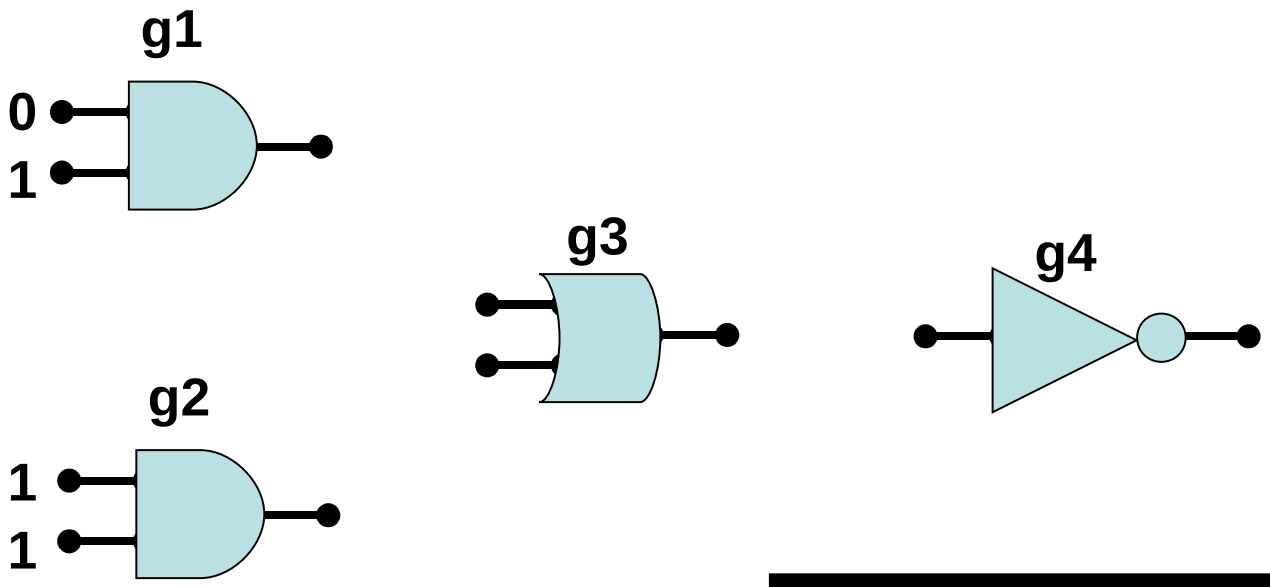




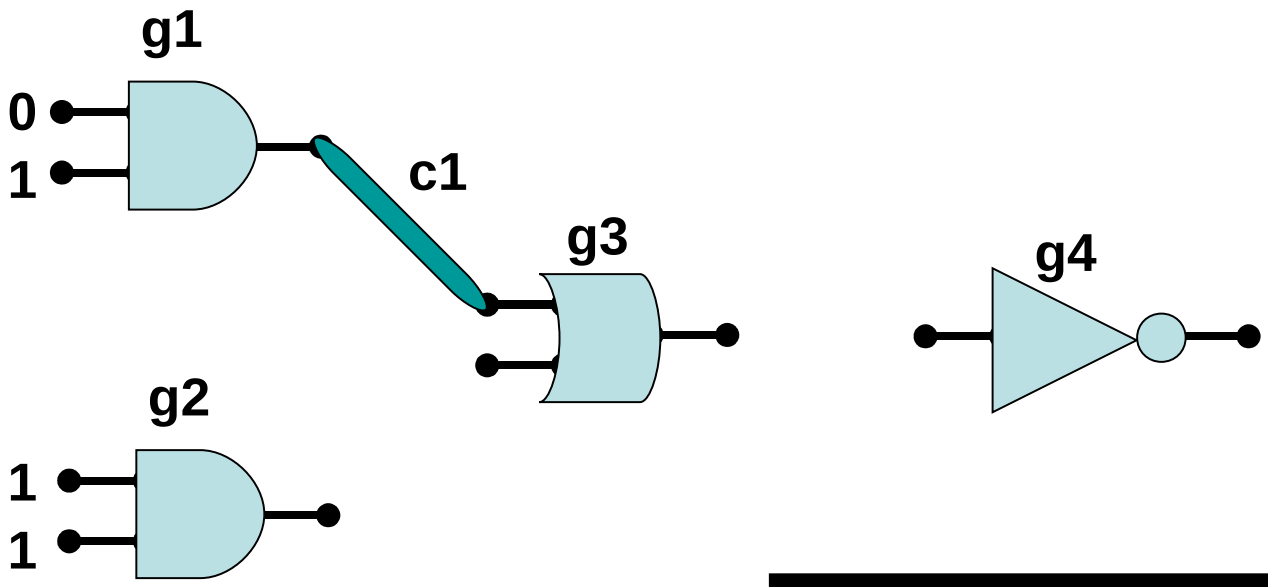

```
>>> g1 = AndGate("G1",0,1)
>>> g2 = AndGate("G2",1,1)
```



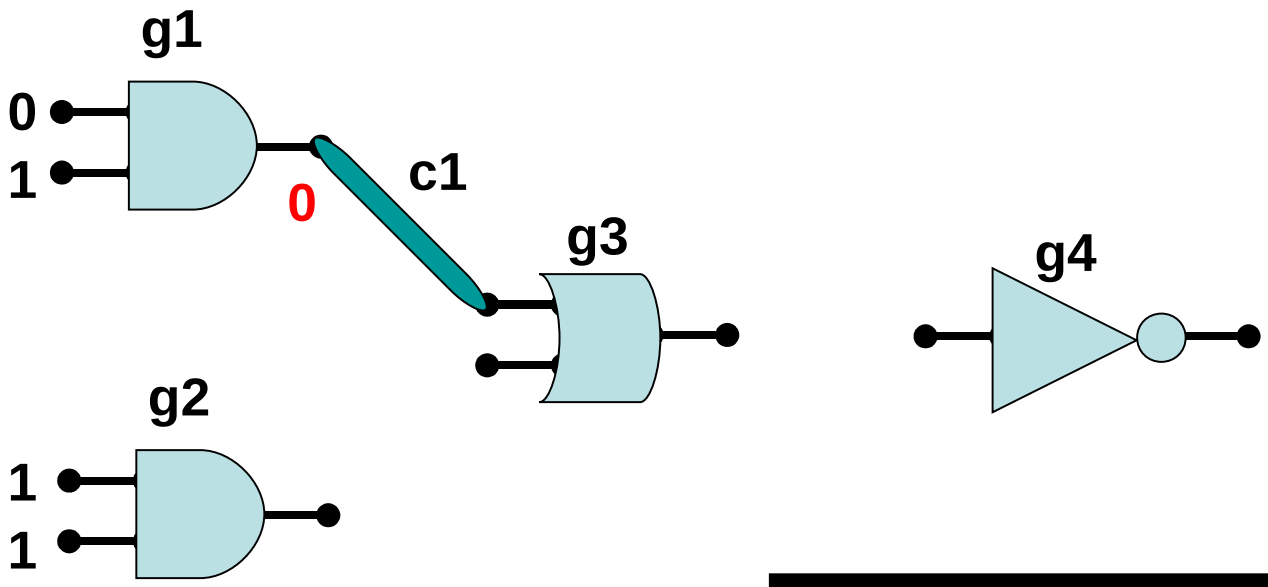

```
>>> g1 = AndGate("G1",0,1)
>>> g2 = AndGate("G2",1,1)
>>> g3 = OrGate("G3")
```



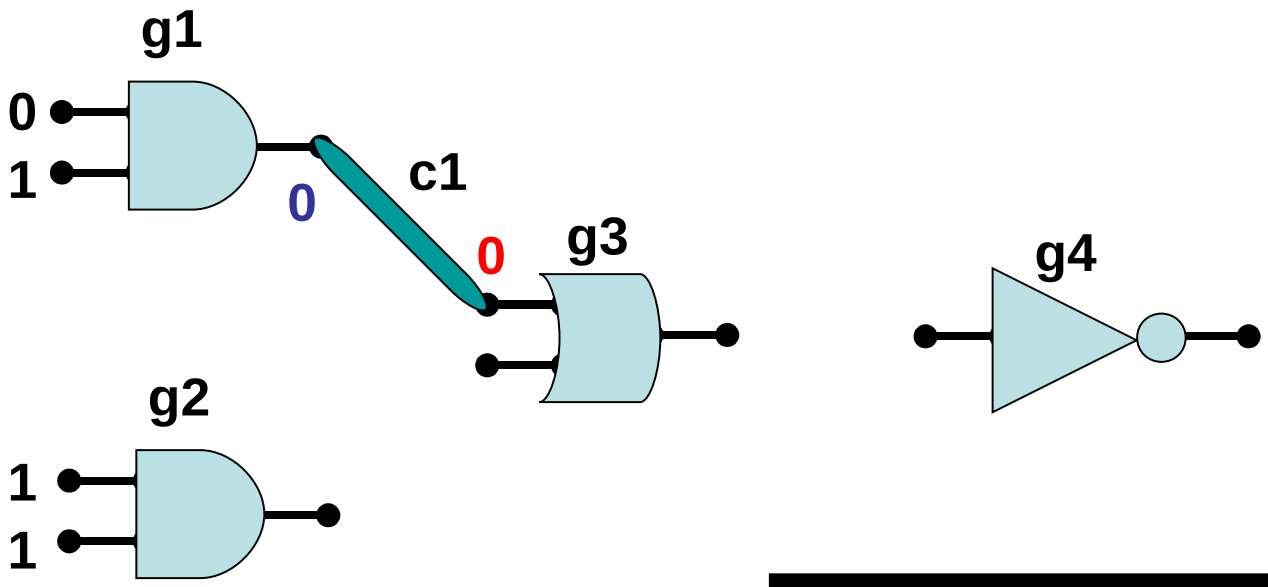

```
>>> g1 = AndGate("G1",0,1)
>>> g2 = AndGate("G2",1,1)
>>> g3 = OrGate("G3")
>>> g4 = NotGate("G4")
```



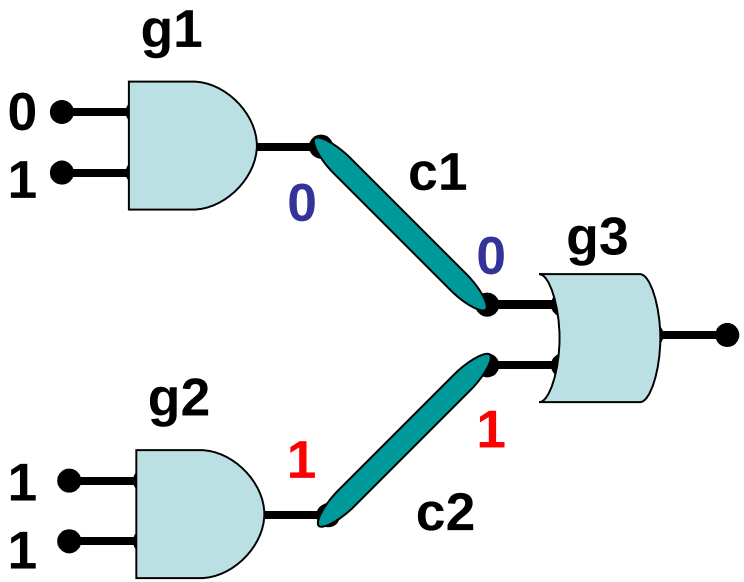

```
>>> g1 = AndGate(“G1”,0,1)
>>> g2 = AndGate(“G2”,1,1)
>>> g3 = OrGate(“G3”)
>>> g4 = NotGate(“G4”)
>>> c1 = Connector(g1, g3)
```

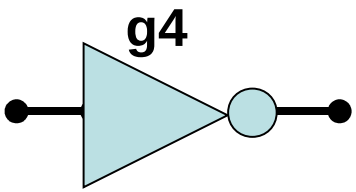



```
>>> g1 = AndGate("G1",0,1)
>>> g2 = AndGate("G2",1,1)
>>> g3 = OrGate("G3")
>>> g4 = NotGate("G4")
>>> c1 = Connector(g1, g3)
```

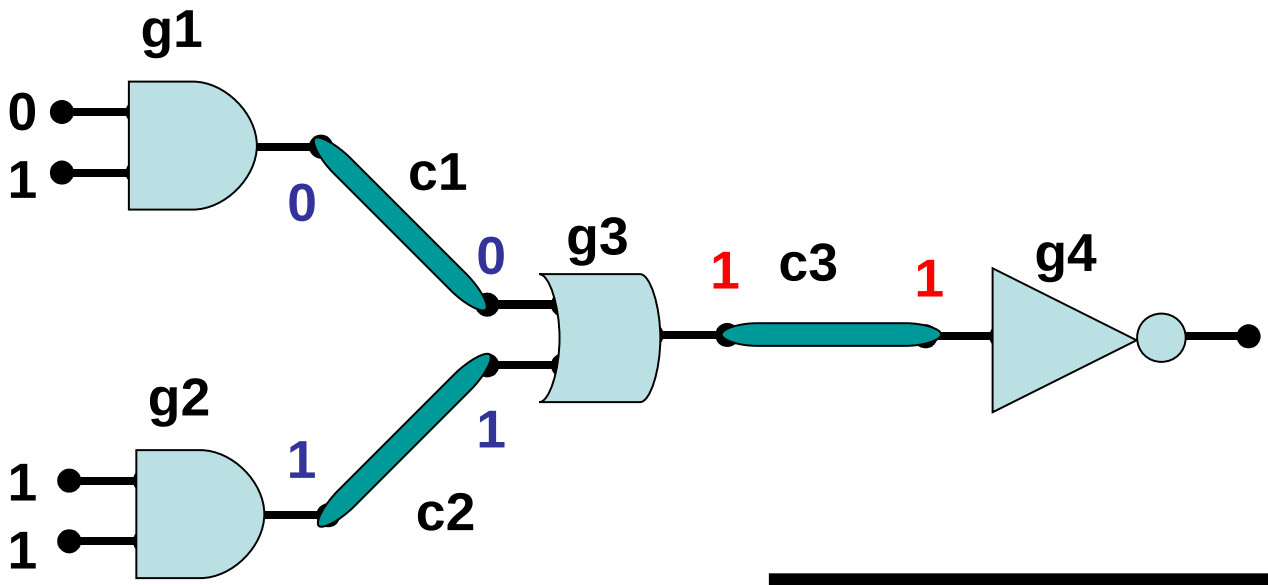



```
>>> g1 = AndGate("G1",0,1)
>>> g2 = AndGate("G2",1,1)
>>> g3 = OrGate("G3")
>>> g4 = NotGate("G4")
>>> c1 = Connector(g1, g3)
```

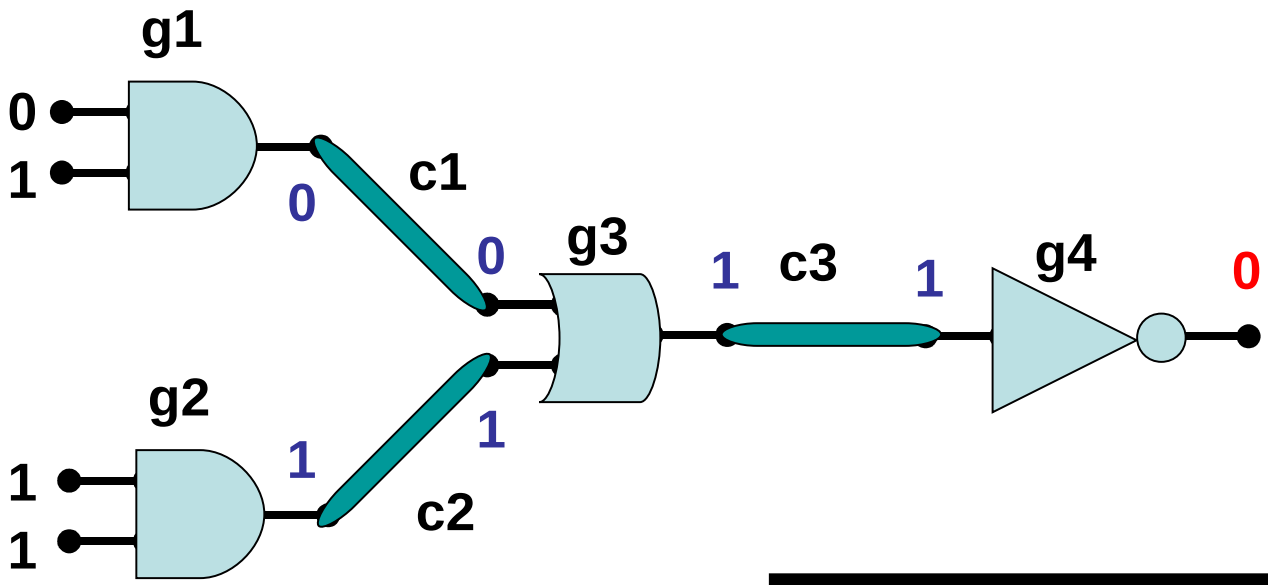





```
>>> g1 = AndGate("G1",0,1)
>>> g2 = AndGate("G2",1,1)
>>> g3 = OrGate("G3")
>>> g4 = NotGate("G4")
>>> c1 = Connector(g1, g3)
>>> c2 = Connector(g2, g3)
```




```
>>> g1 = AndGate("G1",0,1)
>>> g2 = AndGate("G2",1,1)
>>> g3 = OrGate("G3")
>>> g4 = NotGate("G4")
>>> c1 = Connector(g1, g3)
>>> c2 = Connector(g2, g3)
>>> c3 = Connector(g3, g4)
```




```
>>> g4.getOutput()
0
```