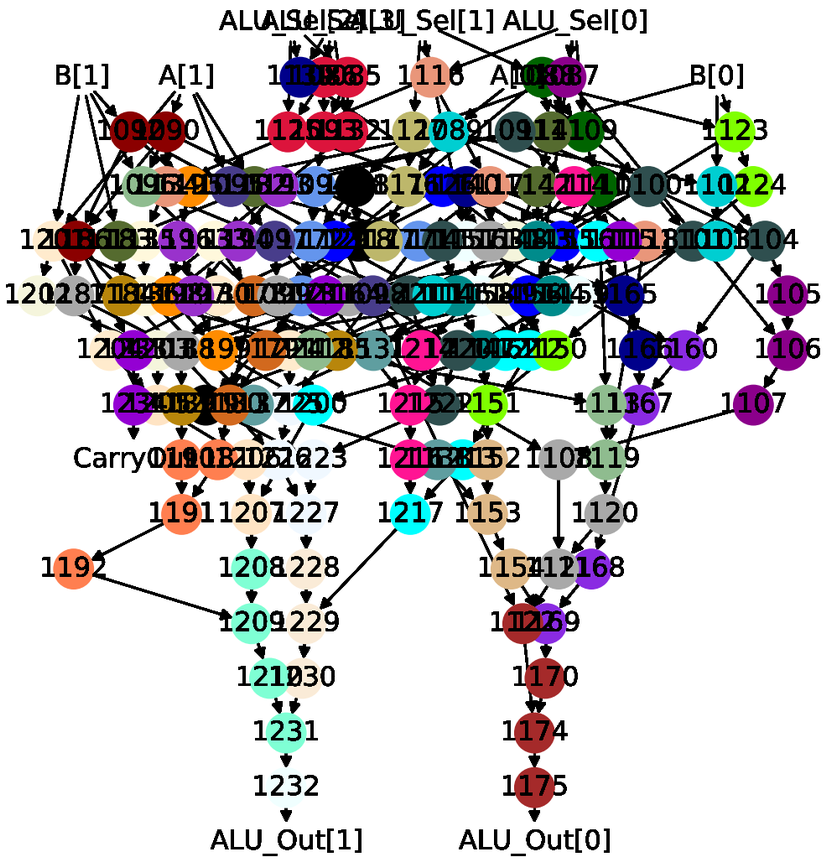
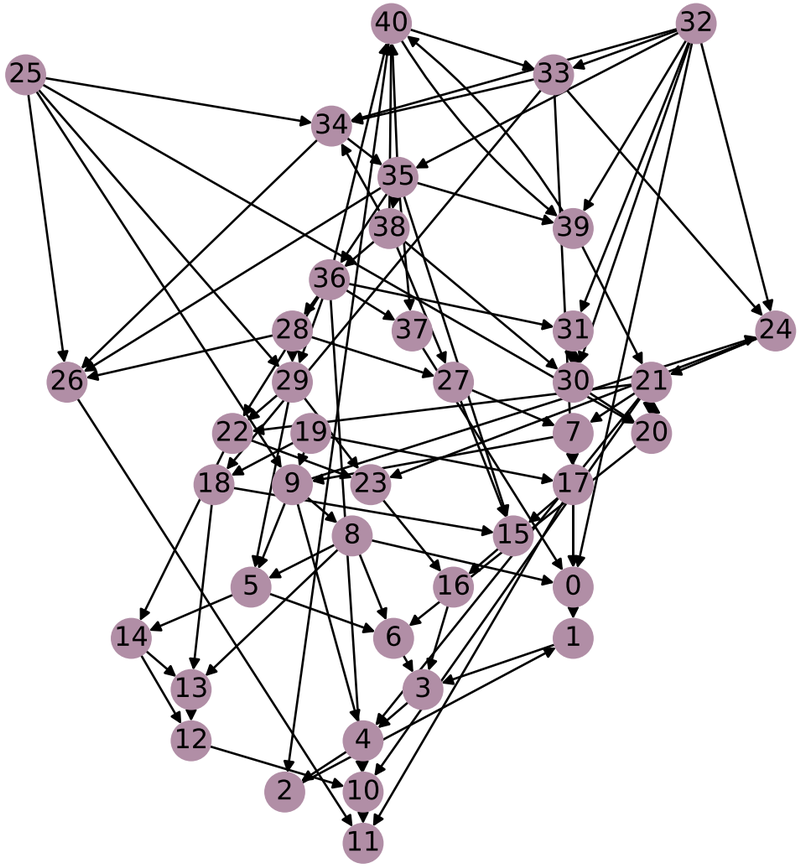

ALU_Sel[1]
ALU_Sel[0]
B[1]
A[1]
B[0]
Carry
ALU_Out[1]
ALU_Out[0]


40
32
25
33
34
35
38
39
36
28
37
31
24
26
29
27
30
21
22
19
7
20
18
9
23
17
8
15
5
16
0
14
6
1
13
3
12
4
2
10
11