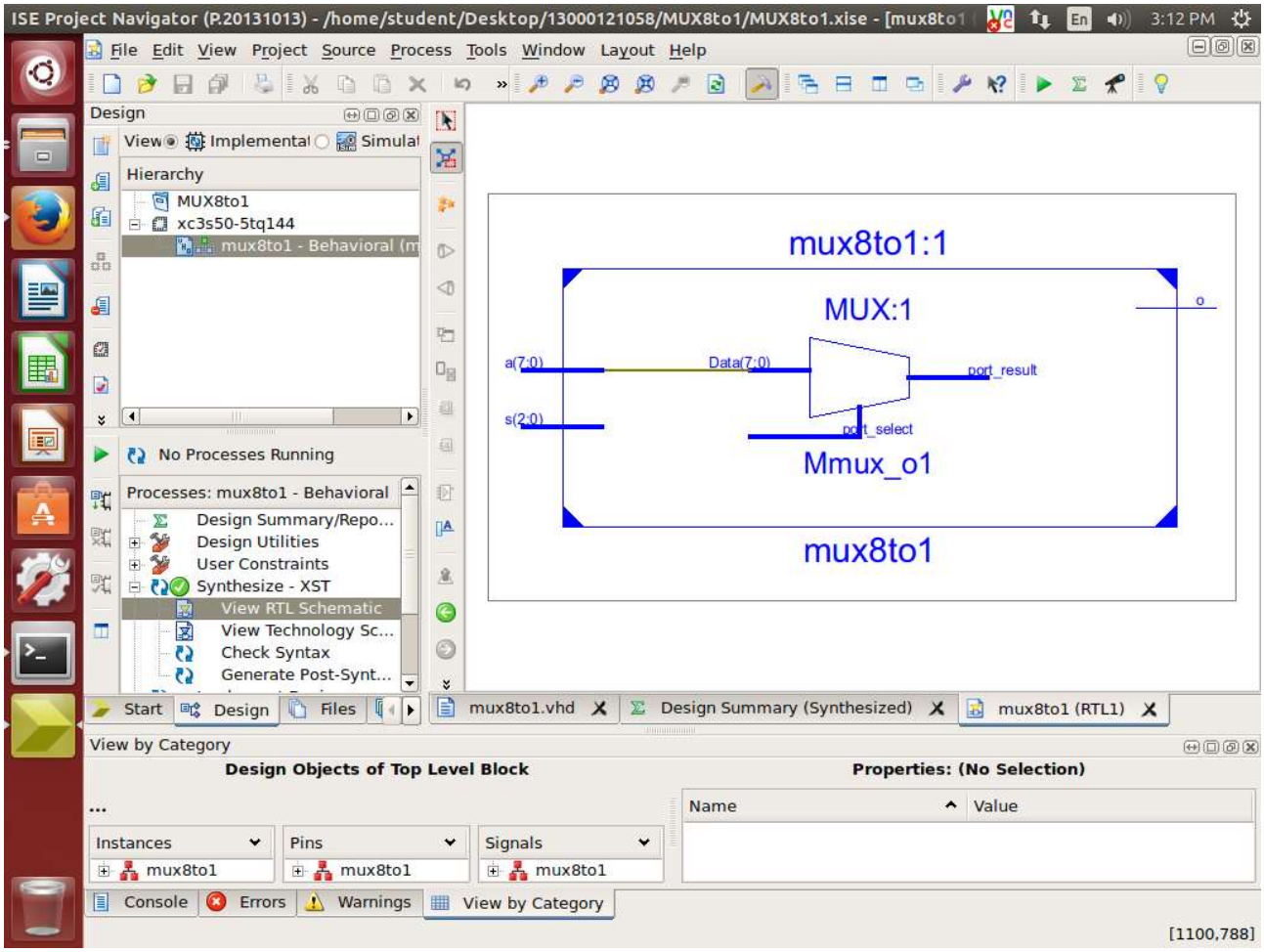
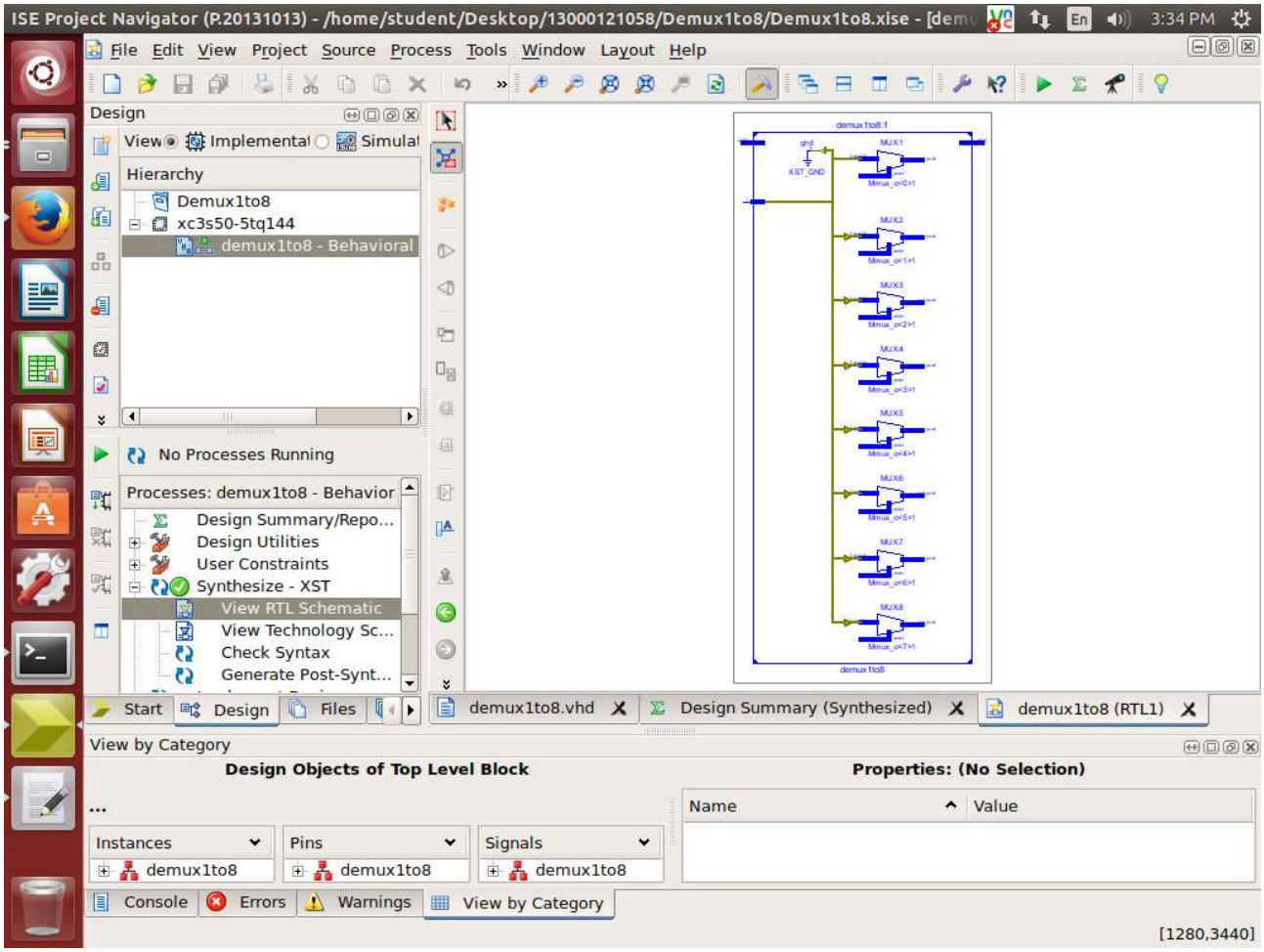
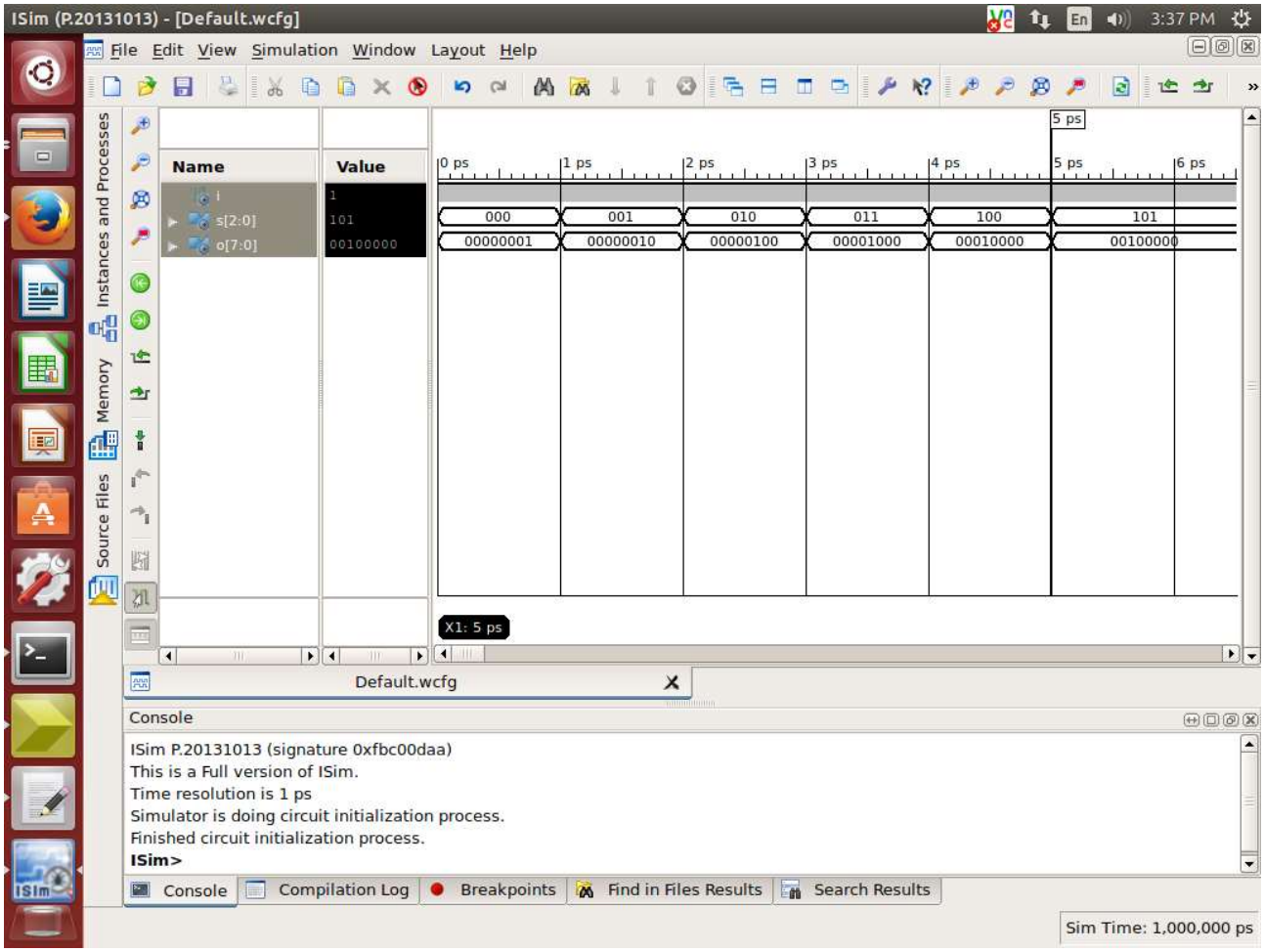
SCHEMATIC OUTPUT



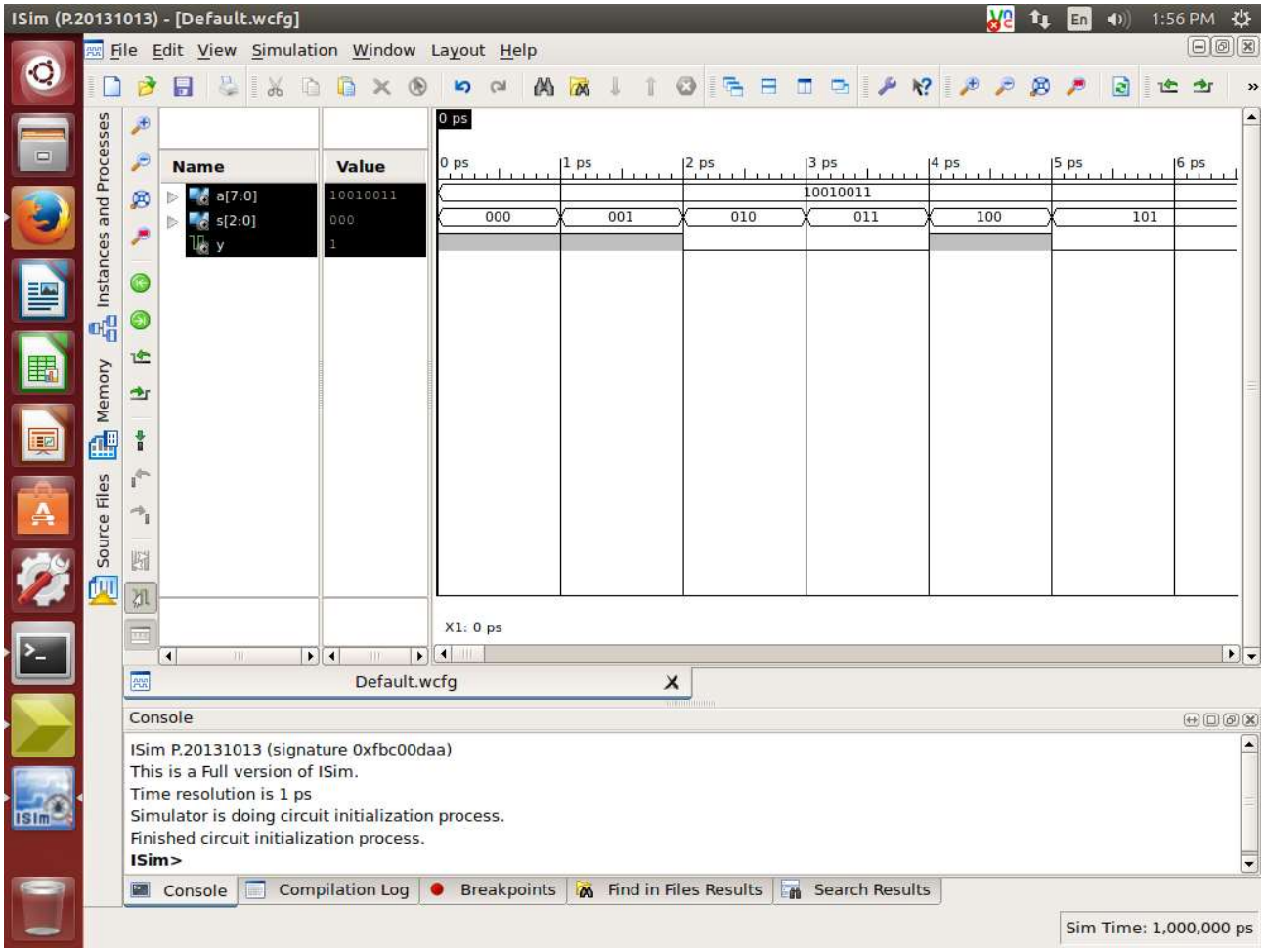
SCHEMATIC OUTPUT



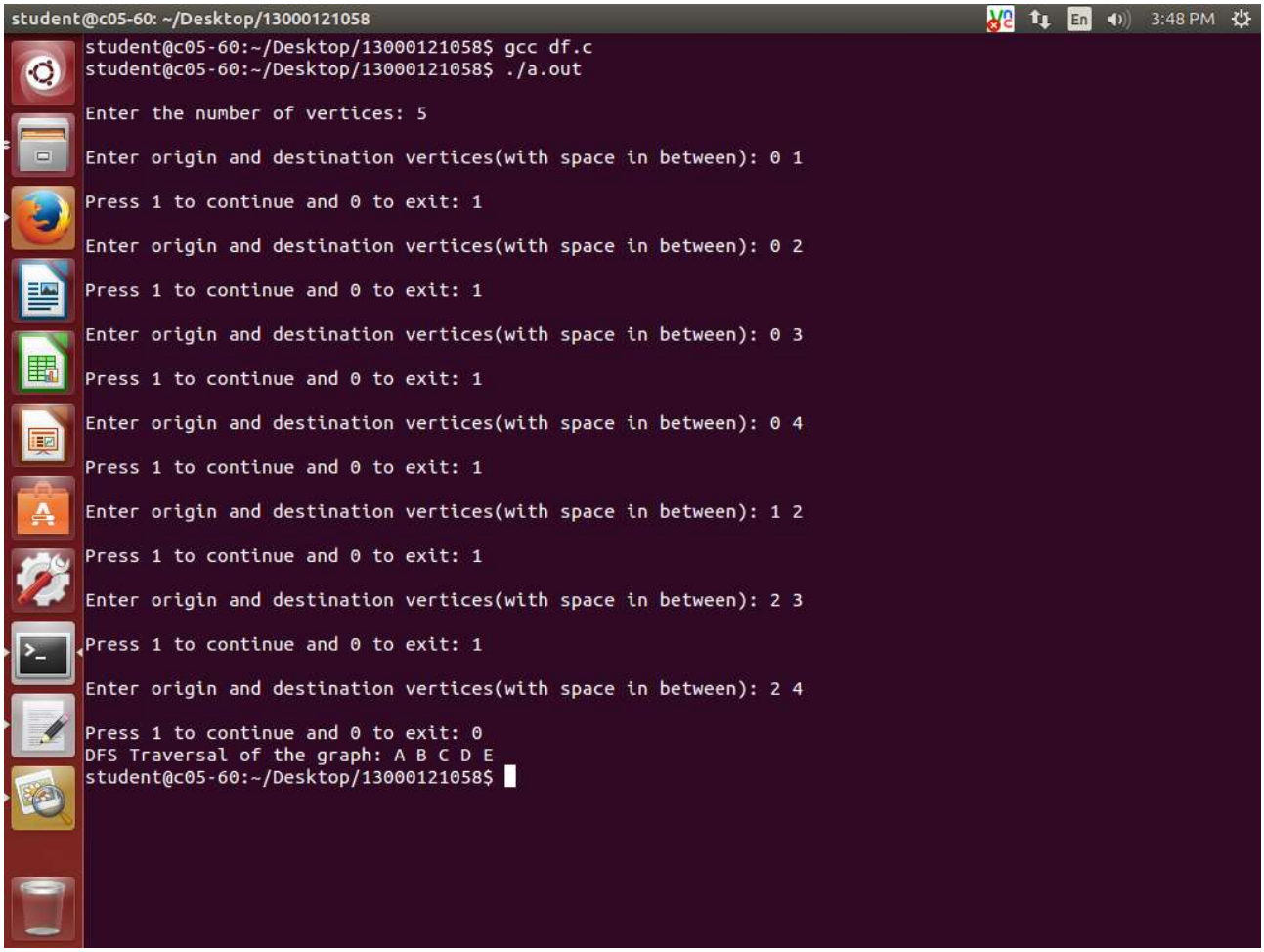
TEST OUTPUT


ISim (P.20131013) - [Default.wcfg]
File Edit View Simulation Window Layout Help
Instances and Processes
Memory
Source Files
Name
Value
i
s[2:0]
o[7:0]
1
101
00100000
0 ps
1 ps
2 ps
3 ps
4 ps
5 ps
6 ps
000
001
010
011
100
101
00000001
00000010
00000100
00001000
00010000
00100000
X1: 5 ps
Default.wcfg
Console
ISim P.20131013 (signature 0xfbc00daa)
This is a Full version of ISim.
Time resolution is 1 ps
Simulator is doing circuit initialization process.
Finished circuit initialization process.
ISim>
Console
Compilation Log
Breakpoints
Find in Files Results
Search Results
Sim Time: 1,000,000 ps

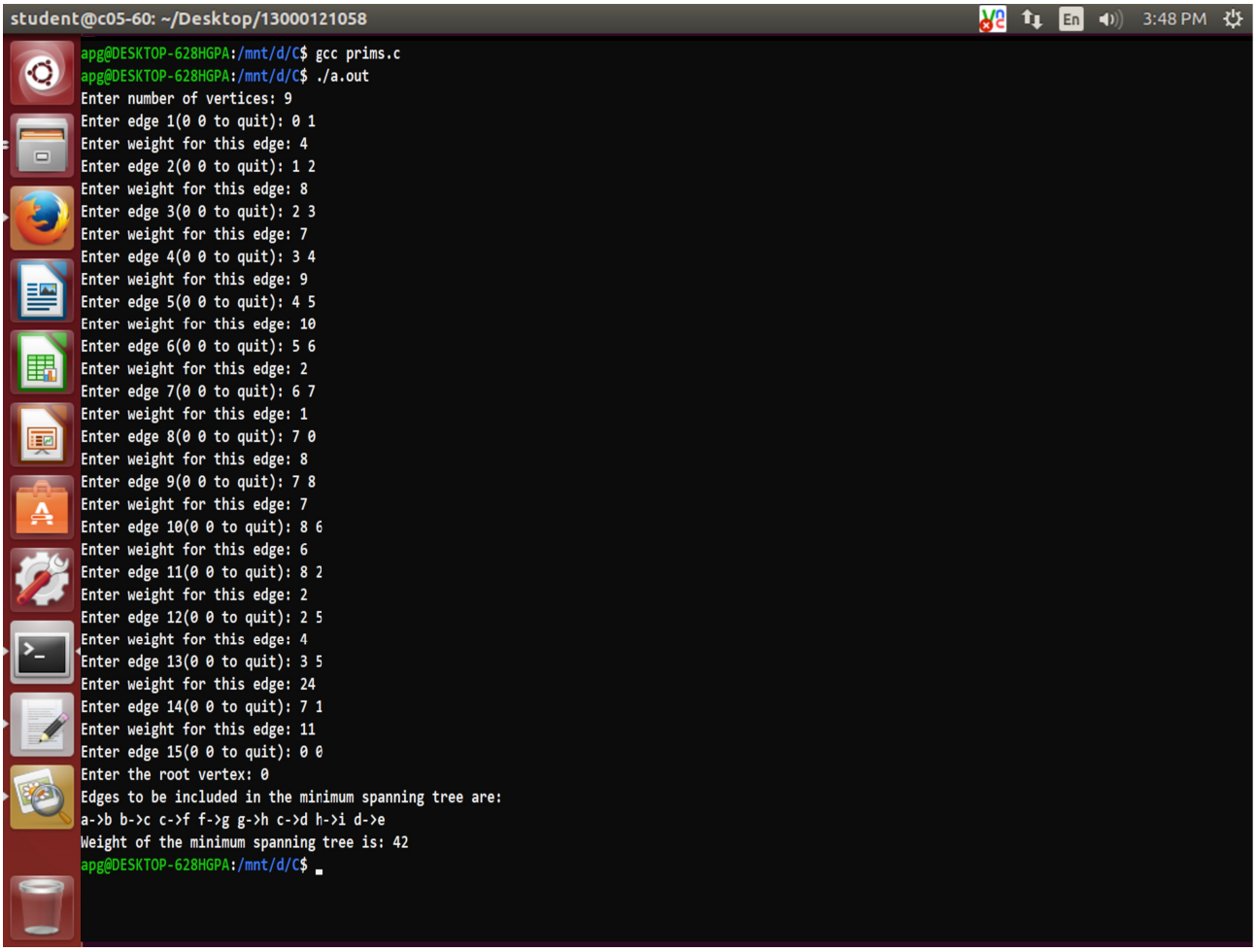
TEST OUTPUT


ISim (P.20131013) - [Default.wcfg]
File Edit View Simulation Window Layout Help
Instances and Processes
Memory
Source Files
Name
Value
a[7:0]
s[2:0]
y
10010011
000
1
0 ps
1 ps
2 ps
3 ps
4 ps
5 ps
6 ps
10010011
000
001
010
011
100
101
X1: 0 ps
Default.wcfg
Console
ISim P.20131013 (signature 0xfbc00daa)
This is a Full version of ISim.
Time resolution is 1 ps
Simulator is doing circuit initialization process.
Finished circuit initialization process.
ISim>
Console
Compilation Log
Breakpoints
Find in Files Results
Search Results
Sim Time: 1,000,000 ps

OUTPUT


student@c05-60: ~/Desktop/13000121058
En
3:48 PM
student@c05-60:~/Desktop/13000121058$ gcc df.c
student@c05-60:~/Desktop/13000121058$ ./a.out
Enter the number of vertices: 5
Enter origin and destination vertices(with space in between): 0 1
Press 1 to continue and 0 to exit: 1
Enter origin and destination vertices(with space in between): 0 2
Press 1 to continue and 0 to exit: 1
Enter origin and destination vertices(with space in between): 0 3
Press 1 to continue and 0 to exit: 1
Enter origin and destination vertices(with space in between): 0 4
Press 1 to continue and 0 to exit: 1
Enter origin and destination vertices(with space in between): 1 2
Press 1 to continue and 0 to exit: 1
Enter origin and destination vertices(with space in between): 2 3
Press 1 to continue and 0 to exit: 1
Enter origin and destination vertices(with space in between): 2 4
Press 1 to continue and 0 to exit: 0
DFS Traversal of the graph: A B C D E
student@c05-60:~/Desktop/13000121058$

OUTPUT


student@c05-60: ~/Desktop/13000121058
En
3:48 PM
apg@DESKTOP-628HGPA:/mnt/d/C$ gcc prims.c
apg@DESKTOP-628HGPA:/mnt/d/C$ ./a.out
Enter number of vertices: 9
Enter edge 1(0 0 to quit): 0 1
Enter weight for this edge: 4
Enter edge 2(0 0 to quit): 1 2
Enter weight for this edge: 8
Enter edge 3(0 0 to quit): 2 3
Enter weight for this edge: 7
Enter edge 4(0 0 to quit): 3 4
Enter weight for this edge: 9
Enter edge 5(0 0 to quit): 4 5
Enter weight for this edge: 10
Enter edge 6(0 0 to quit): 5 6
Enter weight for this edge: 2
Enter edge 7(0 0 to quit): 6 7
Enter weight for this edge: 1
Enter edge 8(0 0 to quit): 7 0
Enter weight for this edge: 8
Enter edge 9(0 0 to quit): 7 8
Enter weight for this edge: 7
Enter edge 10(0 0 to quit): 8 6
Enter weight for this edge: 6
Enter edge 11(0 0 to quit): 8 2
Enter weight for this edge: 2
Enter edge 12(0 0 to quit): 2 5
Enter weight for this edge: 4
Enter edge 13(0 0 to quit): 3 5
Enter weight for this edge: 24
Enter edge 14(0 0 to quit): 7 1
Enter weight for this edge: 11
Enter edge 15(0 0 to quit): 0 0
Enter the root vertex: 0
Edges to be included in the minimum spanning tree are:
a->b b->c c->f f->g g->h c->d h->i d->e
Weight of the minimum spanning tree is: 42
apg@DESKTOP-628HGPA:/mnt/d/C$