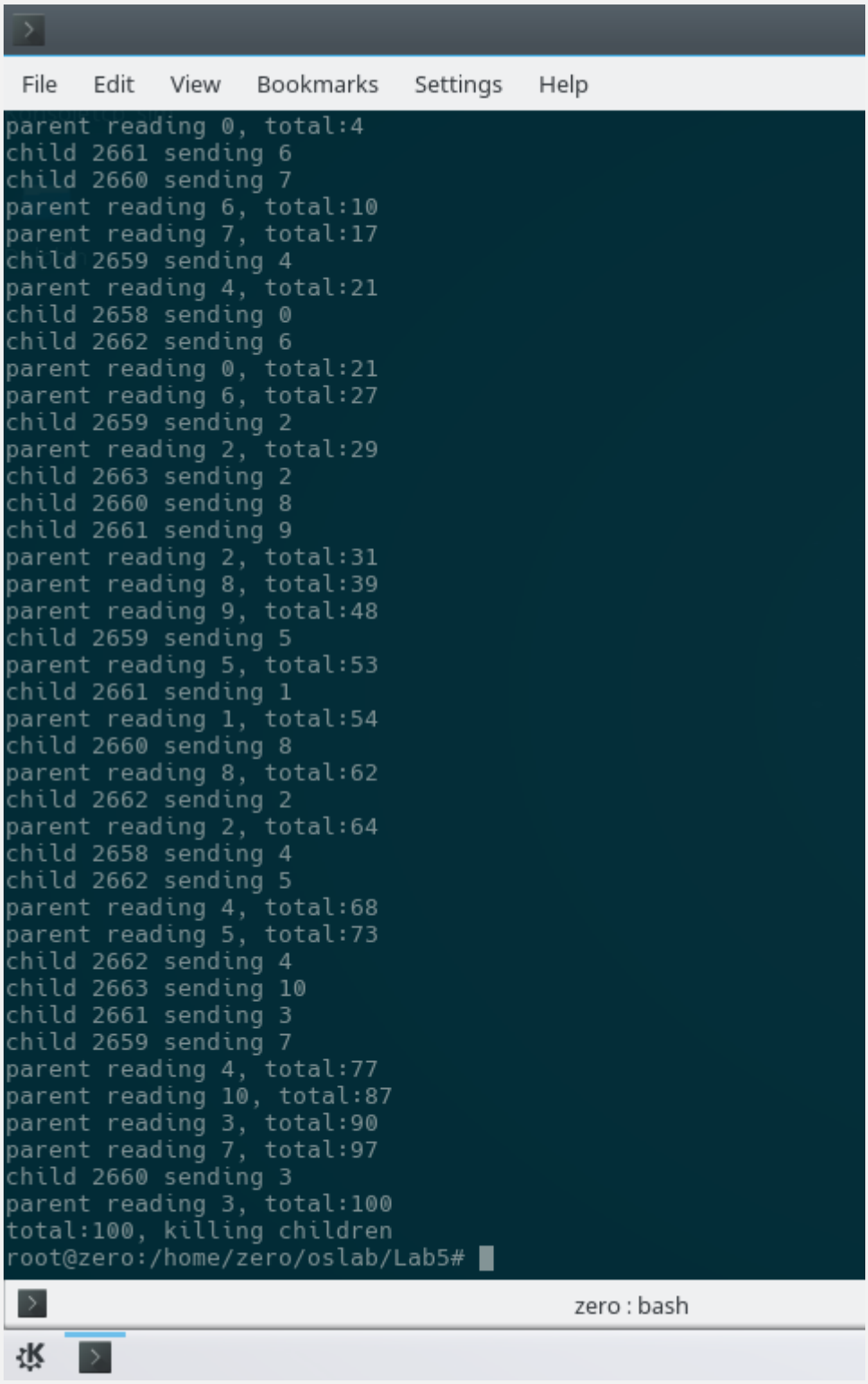
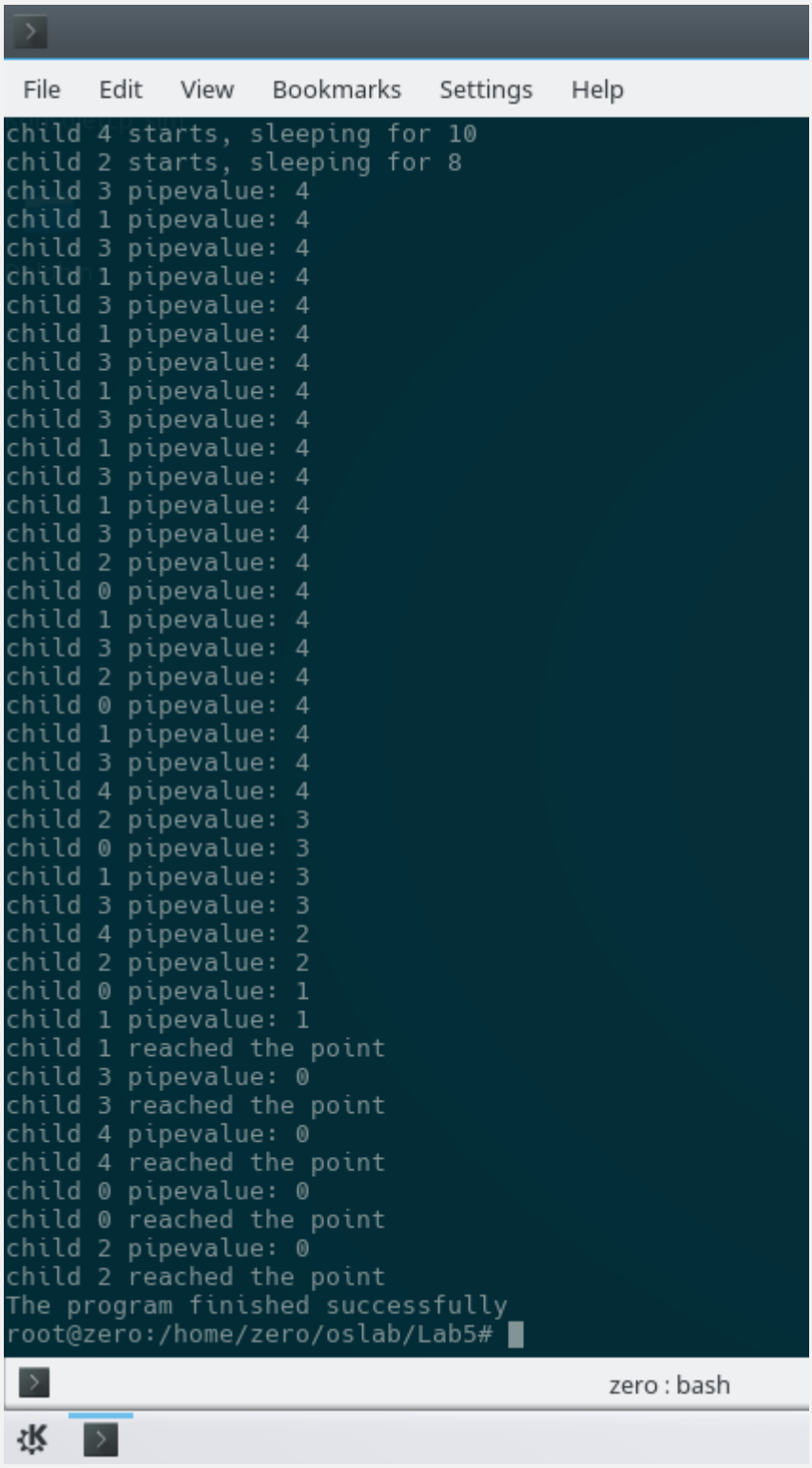
1)


File Edit View Bookmarks Settings Help
parent reading 0, total:4
child 2661 sending 6
child 2660 sending 7
parent reading 6, total:10
parent reading 7, total:17
child 2659 sending 4
parent reading 4, total:21
child 2658 sending 0
child 2662 sending 6
parent reading 0, total:21
parent reading 6, total:27
child 2659 sending 2
parent reading 2, total:29
child 2663 sending 2
child 2660 sending 8
child 2661 sending 9
parent reading 2, total:31
parent reading 8, total:39
parent reading 9, total:48
child 2659 sending 5
parent reading 5, total:53
child 2661 sending 1
parent reading 1, total:54
child 2660 sending 8
parent reading 8, total:62
child 2662 sending 2
parent reading 2, total:64
child 2658 sending 4
child 2662 sending 5
parent reading 4, total:68
parent reading 5, total:73
child 2662 sending 4
child 2663 sending 10
child 2661 sending 3
child 2659 sending 7
parent reading 4, total:77
parent reading 10, total:87
parent reading 3, total:90
parent reading 7, total:97
child 2660 sending 3
parent reading 3, total:100
total:100, killing children
root@zero:/home/zero/oslab/Lab5#
zero : bash

2)


File Edit View Bookmarks Settings Help
child 4 starts, sleeping for 10
child 2 starts, sleeping for 8
child 3 pipevalue: 4
child 1 pipevalue: 4
child 3 pipevalue: 4
child 1 pipevalue: 4
child 3 pipevalue: 4
child 1 pipevalue: 4
child 3 pipevalue: 4
child 1 pipevalue: 4
child 3 pipevalue: 4
child 1 pipevalue: 4
child 3 pipevalue: 4
child 1 pipevalue: 4
child 3 pipevalue: 4
child 2 pipevalue: 4
child 0 pipevalue: 4
child 1 pipevalue: 4
child 3 pipevalue: 4
child 2 pipevalue: 4
child 0 pipevalue: 4
child 1 pipevalue: 4
child 3 pipevalue: 4
child 4 pipevalue: 4
child 2 pipevalue: 3
child 0 pipevalue: 3
child 1 pipevalue: 3
child 3 pipevalue: 3
child 4 pipevalue: 2
child 2 pipevalue: 2
child 0 pipevalue: 1
child 1 pipevalue: 1
child 1 reached the point
child 3 pipevalue: 0
child 3 reached the point
child 4 pipevalue: 0
child 4 reached the point
child 0 pipevalue: 0
child 0 reached the point
child 2 pipevalue: 0
child 2 reached the point
The program finished successfully
root@zero:/home/zero/oslab/Lab5#
zero : bash